



SEQUENCE LISTING

<110> Robert A. Sikes et al.

<120> Isolation and Use of Fetal Urogenital
Sinus Expressed Sequences

<130> 9901-007-999

<140> 09/482,933

<141> 2000-01-14

<150> PCT/US99/10746

<151> 1999-05-14

<150> 60/085,383

<151> 1998-05-14

<160> 811

<170> FastSEQ for Windows Version 3.0

<210> 1

<211> 601

<212> DNA

<213> Murine

<220>

<221> misc_feature

<222> (1)..(601)

<223> n = A,T,C or G

<400> 1

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cttcaacmca	acctcgttng	actccaaaga	tccvgatccc	gtccacggag	agagaaaamcc	180
agaacaancc	cgacgcagag	atagatctcg	atcatctcag	tcaacatctc	gaagaagaca	240
gaggagccgg	tctagatcac	gagttactcg	gagacrgagg	ggtggtctck	gttaccattc	300
aagatcacct	accagacagg	agagttctcg	aacctcctct	agacgcagaa	gaggccgctn	360
cccgacacac	cttgaccagt	cggaaagcgat	ctogatcaag	aaacatcacca	gtctcttggga	420
mgcgcgtctag	atctsgagcc	tcaccagcta	ctcatsnggc	ggtccaggtc	magaacacca	480
ctgataagcc	gacgtaggtc	cagatctcgg	acctcacctg	tgagtaggag	acggtcaagg	540
tcagtgaata	ggcgtagatc	tcgatcaaga	gcattccccag	tgagtccaag	gogatccagg	600
t						601

<210> 2

<211> 243

<212> DNA

<213> Murine

<400> 2

gaattcggtta	tatttttaaaa	ctgctacttg	tataaatctt	tcccaaatatc	cgtgggtttt	60
gtgcatacgt	tttacagata	tggatttagc	agactgtctt	ttcactgtta	tgggtttttt	120
agaagttgag	catttttatg	gctgataaag	tgaatgttac	ttctaagtgc	tcacttcttt	180

tatcagaagt gaccctcagt ccattgtgct acsttagctt gcctctttgg taataatkcg	240
kag	243

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<210> 3
<211> 209
<212> DNA
<213> Murine

<220>
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<222> (1)...(209)
<223> n = A,T,C or G

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<400> 3	
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ggatgaacta tctctgctga taaaaaccaa cagctggcct gatcgctcag aacacctgtg	120
acatgtcttc cctagamggg acagagtgat agttcatgtt tgnnkgtgtg tggactawyt	180
kgktactacc tttagagcaa ctgatktat	209

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<210> 4
<211> 357
<212> DNA
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<220>
<221> misc_feature
<222> (1)...(357)
<223> n = A,T,C or G

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<400> 4	
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acytrgtgaa cttaawwaam gcagactggg acctaggaaa attcaccatt ttcattgtaa	180
tgttctcggg tttgccttta tccatagaaa agtgggctct tgggaatgat gaggacactg	240
agggggtggg gatacmaacs gaaaagctca tggagataga gtkcaagcag agagtgtggg	300
tgctyaaata ctcaagagat ttaattaagt ctgcctctca awtgcataaa gtttaaa	357

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<210> 5
<211> 331
<212> DNA
<213> Murine

<220>
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<222> (1)...(331)
<223> n = A,T,C or G

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ggagncccca ggctcccagg accccgagca cacagtgacc cantggcctg gnagaaggcg	180
gaagctccag gracmgttag cagtkctgcy kdarggscnn yaaggamcct ncyygtkcy	240
cccangatt cagnagnca gttccagara aaatcctgta cagtktacac acgggtgtsca	300
tatcgtggag aractcacat ctctgtgcgc g	331

<210> 6
 <211> 331
 <212> DNA
 <213> Murine

<220>
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 <222> (1)...(331)
 <223> n = A,T,C or G

<400> 6
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 atgtggctga gttctgtgtt tggaaatgtg ttgctgatgc acatgatgaa agaagagccc 120
 agatgacctt aactcttcag gaaaawcaac catctatatc agtcttatct ctgctctcaa 180
 aatgctctca gagagtaaa mmaaatggcc cttnggtata cnyctctccg ttttggtttt 240
 ttaaagrwgt cctagkaatt ttnaaaaag kgcaaaagrt gkttytgag atttyctttt 300
 yaattytggg tgtcagtggt tgdgtgtttg t 331

<210> 7
 <211> 427
 <212> DNA
 <213> Murine

<220>
 <221> misc_feature
 <222> (1)...(427)
 <223> n = A,T,C or G

<400> 7
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 ggcctcaaat gaaaaggaaa taaaagagac cacaataaaa ttgctaacct acggagtaac 180
 agagtgtatc gtgacacaat tctgctccat gttttccttt ccttccaagg acagctggcg 240
 agccactgag gctgtgggac aaggatccat gatcatttcc aatgttcaga gagtccagca 300
 accaccaggc aagggtctgt ggcacytagg aatgggtctg cttgcatgtc aagggaacca 360
 tgggtctcta caaaactcat ttctactgaa atgtcatctt ctgaachtgt ggaaataatg 420
 cmctaga 427

<210> 8
 <211> 520
 <212> DNA
 <213> Murine

<220>
 <221> misc_feature
 <222> (1)...(520)
 <223> n = A,T,C or G

<400> 8
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 cnaagatctt gaggcagggt ccagaacagg natgtacacg ctgctttcgg gattgtacaa 180
 gtacatgttc cagaaggatg aatactgcac cctgatccgt ggccctggaca atgctgggaa 240
 gacggttagt cctgctcttc tcaccagtgc ccattccctg cctgatctaa nccccgcc 300
 caaggctaca ggttagtagt caccagcctc ctgaagatca agccacaggs agaggcgtgc 360

atggtctcat	nggggtgtgaa	gggataggtg	ggaaggacac	cagaaaacta	ctctagctgc	420
tgtatctna	mccccctctc	tttttttctt	cagactttcc	tggaaacagtc	aaaaaacacgc	480
tttaacaaga	actacaagga	attccaccac	actggcggcc			520

<210> 9
 <211> 465
 <212> DNA
 <213> Murine

 <220>
 <221> misc_feature
 <222> (1)...(465)
 <223> n = A,T,C or G

<400> 9						
gaattctgtt	aatgcacctc	tgccctccacg	gaaagaacaa	gaaatgaaag	aacctcctta	60
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gtccccagct	gtacacatag	accagacaac	tcagcctcca	gagactggta	tgacctctgc	180
atataatttt	tataagtacc	acatgcccaac	ttkgtgcttt	actggagtag	cctctatags	240
cctctctgaa	acttagacag	kagcctttca	agkaaacart	ctgtagtggc	cytacartcg	300
traatactta	tctctttta	gtnttgtctg	gkagaaagac	attttgatgt	attttcctcc	360
atttagttaa	gtttacctct	agtggagaat	tagttaaac	actttggctc	ctgaagggtc	420
tcattgtcat	atgcgctgta	ctctyccaag	agcdntgtgg	attct		465

<210> 10
 <211> 541
 <212> DNA
 <213> Murine

<400> 10						
gaattccttc	ctgtaagct	acttttctt	ttctacttc	cttttccagc	aattcatagt	60
taggcttttt	cctggatata	agtctaagcg	ttcttatgca	gatttctcta	atctctcttt	120
ctgtggtacc	aaacagaaga	aaccaatggg	gccgagtttg	caagggaatt	tgaagtgtcc	180
tagctgcaag	gtagatacaa	gcacatgcta	tagtctcttg	ttgaaagcga	acaaagacat	240
tggtctgaag	actgtcattc	atgtaattcc	aggcagtttg	aaccagggtt	tggttacgtt	300
cacattctaa	gaacttgtaa	tacattacaa	tgatcttatg	gggtagcttg	acatgaacac	360
aaaatcccaa	ctccttttagc	accctctctc	ctgcttgtag	aacttgattt	ttggtgttaa	420
tgtagtcttg	atcaaggatc	agggggcttg	gagtcctytt	tcctcttaac	tgccggaggt	480
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g						541

<210> 11
 <211> 330
 <212> DNA
 <213> Murine

<400> 11						
gaattcgtct	cgtcggcgct	gcgtggagct	cgctggaact	atggcgctccg	ggcctcaccc	60
gaacctgacc	gctgcgcgcg	cgcgcgcgcg	tgccgcgtcc	gcctcgtccg	ccgcgccgag	120
cgcggggcgc	tcacagctccg	gcacgaccac	cacgacgacg	accacgaccg	gagggatcct	180
gatcggcgac	cgcctgtatt	cggaggtgtc	gtccaccatc	gaccactcgc	tgatcccgga	240
ggagcggctc	tcgcctaccc	cgtccatgca	ggaaggcctg	gacctgccca	gcgagacgga	300
tctkcgatc	ttgggstgcg	agctchatcc				330

<210> 12

<211> 330
 <212> DNA
 <213> Murine

<400> 12
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 gacctcgacc gctgcgcgcg ccgcgcgcgc tgcgcgcctc gctcgctcg ccgccccgag 120
 cgcgggcggc tccagctccg gcacgaccac cagcagcagc accacgaccg gagggatcct 180
 gatcgcgagc cgccgtgtatt cggaggtgtc gctcaccatc gaccactcgc tgatccccga 240
 ggagcggctc tgcctacccc cgtccatgca ggaaggcctg gacctgcccc gcgagacgga 300
 tctkcgcatc ttgggstgog agctchatcc 330

<210> 13
 <211> 530
 <212> DNA
 <213> Murine

<220>
 <221> misc_feature
 <222> (1)...(530)
 <223> n = A,T,C or G

<400> 13
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 ctccagcctta gggcttgcac ccatttaggt ttctagggct gcaggggctg caggaccang 120
 ggccatgngc tccntncaact tgaccctgca gctgggtgtm aganagtcct gtnkggttctn 180
 cacctymagg ggaatgttcct accmacnttn cacctkctca agnctycact gtcgtggggcc 240
 tbtngtctct cnaacagct tcttctctcc tttgcccttc gtgtcagcca gcagccttgc 300
 caagtgtttg ttwattttwat actttgtgnt ttttgagaca gtcacatcaa ggttgaactt 360
 agaaccacaag atccnyactg ctatcacccc ctgaataactg ggnnttcena gngtgnnnnn 420
 cctgggntcc mannccctcag gacnacnnnn cttasvnnag gatanccgta tcacgtnttt 480
 gggsnccatc ccttttttcc ccaetacana gdaagnnnnn ncccgawtcc 530

<210> 14
 <211> 537
 <212> DNA
 <213> Murine

<400> 14
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 taccaatgga gcttaattta ggtagtgaat tagttccata atagatcagt gattgtgaac 120
 aaggcaataa aaagaaaacc tctaatggtt tcaagtgttc ccataagtac tttgtataca 180
 tgtggatgtg tgttgggttg catgcacata tgtgtgcatg tgtgtggatt gcgaaggaca 240
 gcccttgggt tcaattctca ggtggtgtcc acctgttttt gaagagatag gagtgtcaca 300
 ctgaactcgc agcttgcgtg ttcagagtac caggacatg cctggcttga cctctccaac 360
 actgggatca caaggaactt togtcagcag gtcttghctr kwtgaaatag ttgagaggga 420
 ctgcactcgc atcttccacac ttgcacataa tgcatattgc caaatggccc atctccttga 480
 ctccactgaa taaaattttt gactaatttc tcaaaaataa tacagcagcc tgaatttc 537

<210> 15
 <211> 302
 <212> DNA
 <213> Murine

<400> 15

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ttggtgatgt	catagaccac	aatggctgct	tgggcccccg	atagtacatc	ggggccaggc	120
tgtgatagck	ctcttgccca	gctgtgtgyc	agatctcaaa	cttgaccgtt	gtatcgtcta	180
agcagacagt	ctgtgtgagg	aaakttgctc	caattgtgct	ctyctggtag	tcattggaact	240
kcccccctkac	maagcggagg	dccaggtctg	actttbccac	ggcagtytck	tccaagaggd	300
cc						302

<210> 16
 <211> 312
 <212> DNA
 <213> Murine

gaattcgtgg	aagccccggc	ccaaagtaac	gctgctgcc	ggagccgcgt	tggaggccctc	60
ccttcccaatt	aagtygcctc	tttagcatag	caccggcccc	acccccacgs	tcactgggtac	120
tactacagag	cagckcgcca	tggcgggtcc	gaggaggtgc	agcacgaacc	caatggacca	180
gcttgcctggc	aacaagatct	tgtcagttta	agcttggkcc	tcttyggggc	agctckccgt	240
trggcaagkb	carcctggtg	ctcccgcttt	gtcaaggggc	agttycatga	gtaccaggag	300
agcacaattg	ga					312

<210> 17
 <211> 310
 <212> DNA
 <213> Murine

<220>
 <221> misc_feature
 <222> (1)...(310)
 <223> n = A,T,C or G

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cacagtgctc	ttataaccga	gataatgaaa	tcttagctta	attttgtgca	agaattaagg	120
tacttgaatt	gattaaggca	cagatgtggt	tggctctaaa	ggctgtattt	tgtctgcttt	180
ttcacaaatc	tatggaaatt	gattttccca	tcttgcaagt	tgcttagckc	ccacgntccc	240
caagttctag	aattctggaa	agadccctca	tgtatggaat	gtcttctgtk	cagaggaggt	300
nctcagcata						310

<210> 18
 <211> 392
 <212> DNA
 <213> Murine

ggaattcctg	acatctgctc	aggagtaaac	agcacacaaa	gggagtggtt	taaagggtty	60
ctgcagtggtg	aaacaaactg	tgtctaaagta	caagggtctct	ggaattacaa	agtttacaaa	120
gcagctctac	ccagctctcca	aggccaaaat	agatgccccg	aagaggggaa	ggggcaagag	180
agctgtccga	agcagtagac	cagcttaagt	gacatgaaat	aacttggaca	agggtcaaac	240
tgagagactg	cagttgagat	gaagtgggaa	aaaatatgtg	aattcagtc	aatagagttc	300
acagaacacc	accttaaycc	tgcattccct	bccaaaatgg	aaacaaagtt	gtwtcaaaaw	360
mtccagttca	tccaaggaat	ccaaacatsc	tt			392

<210> 19
 <211> 148
 <212> DNA

<213> Murine

<400> 19

ggaattcaaa	tagtggttgt	yccttagatg	gaagatgtga	gtcaaagcca	aggctgctct	60
ctctggaagt	cagtgagtag	cagggaccag	agcgtattgc	tgcagtatag	actgaacgga	120
aggaaaacca	ctgcycaggg	kgccgkkg				148

<210> 20

<211> 382

<212> DNA

<213> Murine

<220>

<221> misc_feature

<222> (1)...(382)

<223> n = A,T,C or G

<400> 20

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aggctcggtc	ggagccggga	atgctgggac	ttgtacgtcc	gccgggtcac	gccgcyggcc	120
ccagcgacgt	caccacacac	ngcagaagcg	gacgcgcggg	tcaagatgtc	tctgccatgc	180
ccacgggacg	cacggacgca	cggacggacg	gacggactcc	acaaggkagg	aagcctgcgc	240
cggagcgcac	cggbcgcacc	caccacagca	cacaggacac	acgcgggccc	bbsccccgcc	300
caggcacacg	cggbacacac	ggcacacac	ggcmaggcag	gccaggscac	mcgcaykccc	360
aggaccccbc	ctgcgmcccg	cc				382

<210> 21

<211> 166

<212> DNA

<213> Murine

<400> 21

ggaattcccc	ggctcgagcg	gcgctttttt	tttttttttt	ttccatttca	actgcaattt	60
tattgagggg	gacatgtctg	tacgcagtca	ggccctgttg	gcgtgctcct	tcctccgtga	120
gaabcgctyc	gttctgkkgc	gcctcdgcgg	actmcgcgca	ccttgt		166

<210> 22

<211> 206

<212> DNA

<213> Murine

<400> 22

ggaattcgct	gaccgcatgc	agaagccacc	acacttttat	acaggtttat	acagcgtykk	60
caatcaaaak	ctagacaggg	acctacacco	aakcttcaaa	gtatttttaa	aatkkccaca	120
aaattcaatt	cttwggaatt	tctcttagac	actgttcaat	ttaaattttt	tkaatkggg	180
acagaacctg	gggctttgtg	tttgtt				206

<210> 23

<211> 305

<212> DNA

<213> Murine

<220>

<221> misc_feature

<222> (1)...(305)

<223> n = A,T,C or G

<400> 23

gaattcctgg	tgtacactcg	aawttkbtg	rgvmmaaagg	agaggactcc	aacaaaaggt	60
tctaaaagct	gtttgaaakc	tgccagggtg	attctcttat	caacatgcac	catcaaccat	120
ttgtgtcett	yyycagagcc	ttcatccckw	gbtgtagggg	tcnkctttga	agtacatgta	180
ctgcatgtyc	ccctcttttt	tkbcactctc	ggtcataatc	actgtcagtc	ccagagctctt	240
cttywgtctg	gtyccaggkc	tcctyttttc	cctcggttgc	tttagktctt	ctactacytg	300
tgact						305

<210> 24

<211> 288

<212> DNA

<213> Murine

<220>

<221> misc_feature

<222> (1)...(288)

<223> n = A,T,C or G

<400> 24

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gggtgattct	cttatcaaca	tkcwcacatc	accatttgtk	ttcttitycca	gakecttcat	120
ycgcwgtgta	ggkgctcagct	ttgaagtaca	tgtaactgc	gtcccccttc	ctcttkeyac	180
tctyygttca	cattcwgact	tctgwtccag	atwwctttcw	gtcygagggw	cttytctktc	240
tcagatgtga	atwwatgdtg	sgagtacaag	gttcckggtg	acaggtga		288

<210> 25

<211> 249

<212> DNA

<213> Murine

<220>

<221> misc_feature

<222> (1)...(249)

<223> n = A,T,C or G

<400> 25

ccagctcagg	aagagcctct	ccacacgggt	caaagggcat	ctttgatcag	aagccttctc	60
aggtkctctt	gtyctgctct	ggdgtycctc	agctgtctgc	agcwcaccac	agacactgtc	120
cattgtctgc	tgccatgctt	gtctttatgt	cgtgtgttct	tcgtccctra	vttcaacctc	180
tkcncctctt	cctaacaaca	tgactacctc	atktytnctt	cagaccatag	tgkgaccctc	240
rggttccca						249

<210> 26

<211> 288

<212> DNA

<213> Murine

<220>

<221> misc_feature

<222> (1)...(288)

<223> n = A,T,C or G

<400> 26

gaattcggtta	tattttaaaa	notgctactt	gtataaatcc	tttcccaaat	accgkgggtt	60
ttgtgcatag	tttttacaga	tatggattta	gcagactgtc	ttttcactgt	tatgggggtt	120
tttagaagtt	gagacatttt	tatggctgaw	waargtgaat	gktacyttct	taargtgctc	180
aactttcttt	atcaggaagk	gaaccocyag	ktccattgtg	gcyaacgtta	ggcttggcct	240
ctttggtaat	aawtgcgtag	btctygkatt	gaacngctag	gatttaggc		288

<210> 27
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 <222> (1)...(355)
 <223> n = A,T,C or G

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aagagagaga	gagagagaga	gagagagaga	gagagcgcta	cagaagtgtg	ttcaaacaca	180
gagaactgtt	cattaagtga	aaacgttagg	sagcacatgt	tcgcgagaag	ataacaaaat	240
agatgsgska	aatagtgtag	tcggtgtcga	agcaatatta	awctdtkcct	attcccvgct	300
aaataaagtk	aagccacoga	ttttttgttt	ttgagatctc	tatggrkgtg	tgagag	355

<210> 28
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 <212> DNA
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<400> 28						
gaattccccc	agaaaatata	aggatgccat	acactttata	attctaacac	cattgattaa	60
aaaaaaaaaa	aaaggaaaaa	atgctgccat	tttaattgca	ttttctcctc	aaaatcaacg	120
tgtgcttttc	atatttcaaa	ataaggcatt	atatgtctat	tcaaaaaaaa	atttaagacc	180
aaaagtacat	gcttactttt	agaagcatgt	acatttttta	aaaaggatct	attcagttag	240
caaagttagt	ttgtgaagag	ctgctcacta	aaagctaact	gtagttaaaa	ggttatatag	300
tggtcattttc	aagtgcacag	aaattcaamt	ttactttttc	caaaggattc	cacaagtgcg	360
gtagtgcact	agtgtagccy	setgaagtct	g			391

<210> 29
 <211> 276
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<220>
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 <222> (1)...(276)
 <223> n = A,T,C or G

<400> 29						
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aggctcggtc	ggagccggga	atgctgggac	ttgtacgtcc	tytkgtcack	kbykcnscce	120
ccagcgagct	cwccacack	kckcagatty	sgactyygck	gtcaagatgt	ctctgccatg	180
cccacggga	gcacggacg	acggacsgac	ggacggwctc	cacmarggta	ggaagccttc	240
ttcgakctba	mttgygtwc	caacacagca	cacagg			276

<210> 30
 <211> 330
 <212> DNA
 <213> Murine

<400> 30
 ggaattccat gattgttgaa ctactgggtc aaaactcaaa tgagggtgaat ttgcctttaa 60
 aggcattact tatgtctaaga accaactaat agccgtgaga caatcacgtc atagctacca 120
 gtacaagtag agcaaatatt tatcoattta gctctgagct ctatattata taatggagcc 180
 ttaaatctat gtgggtttta tcaatgggtt gtcttttgaa tgggtgtgga aactgttagat 240
 aaccttaacc aaggactgta caaacgtgaa ggtgtggtct yacwcttcag gtttaaagtg 300
 tttgagcat tattagcawt cattcacaac 330

<210> 31
 <211> 455
 <212> DNA
 <213> Murine

<400> 31
 gaattcaaaa tatttctttt ctgtctcaaa agctattatg tcccattttg ggggtgtttt 60
 tagctctacc tcagaaaaac aaaagaagaa gaaataaaaa ataaaagtca agaacgaacc 120
 ctgaatttct aaggcttcca tccaatactt cttaagctaa gtttaagattg aaattctttc 180
 tcagggtaat gctgtgtgaa gcaaacacaa ctcacattta gagcaagcat attttcaaga 240
 gatgccaaat ccaagttcaa aagccaccca gaggcagcgg ccattggccat gatgaatata 300
 aagcatgaaa aggtgtgtct gtctccaggo ctctgtgaca ggaaaactgg ctgggtgttyg 360
 cagtcagtta aataagctc acttcaagct ctkkbbccaga gcctctacc ctgctagact 420
 gttgctaata taaacamgtg gttctgtgtc gtgta 455

<210> 32
 <211> 460
 <212> DNA
 <213> Murine

<400> 32
 gaattccaaa aaattattta aaawaaaaaa aagttctttt gatctttccg tacagtattt 60
 tagttgaaga ttagaattcc tttctctttg agaaagcaaa agttctacc ttaacatctg 120
 taaaaggaaa ataagaggcg cccaaggctg taggctctaa ggaatkgcc gtgactctca 180
 tcacagggtc tctttgtwya tccagcaggg agttctgagt aggccaggct tctactaaa 240
 ctgatttctg tgacctttta gatggggact gtcacctcat taacatagat cacttttgkt 300
 ttgaacagga aagttggtgt ttgtttgttt ktttttaaga cagagttgta ctgktatagg 360
 cakkgtttk cctcgagtta actatgtaga ccwggctagt gccaaaactta tcaaaatcta 420
 tctaketytt bcyctwagw gttkkgatta arggtgtggg 460

<210> 33
 <211> 375
 <212> DNA
 <213> Murine

<400> 33
 gaattcggag tgcttatgtt tgagatgatg ggggaagggt ctccgtttga tctcgttggg 60
 agctctgaca atctcgacca aaacacagag gattatctat tccaagtcatt ttgggaaaag 120
 cagatccgca tcccgcgctc tctgtctgta aaagcagcaa gtgtactgaa gagttttctc 180
 aacaaggacc caaaggaaag attgggttgt baccotcaaa ctggatttgc tgacattcaa 240
 ggacatccat tcttcagaaa tgtgggctgg gacatgatgg gkbaaaagca ggtggttcoch 300
 ccctttaadc caaacatttc tkgggrgaatt tkgggtttgga taawttcgat tctcagttta 360

<210> 34
 <211> 502
 <212> DNA
 <213> Murine
 <220>
 <221> misc_feature
 <222> (1)...(502)
 <223> n = A,T,C or G

<400> 34
 gaattccttg ggaatgaagg gcggaatgtg gctcagtggt gagtgggtcaa agtggtcccag 60
 tgaggggagaa gtctggagaa gggcagtggt gagacctgma amcctgaaa cagctgcact 120
 gtacacttca tggcoraagc atcaatcctg agtatgctgt cacatgttaa aacaactgta 180
 cacattgaga caagcagaag tcacctgact ctctcagtg gacagtgctt ctccwctcac 240
 gccactgtac tgactgagga cggatccac gttgggctgt ctgcctaaan tccanyttgg 300
 rcmgcacacc ctgagggagca ggcaggcang gctctgaaa cagagcatga tccagtcagg 360
 gctcaggag cytcacahnn ctgaagraat catcagagtc acacttccct cgtgtgtaca 420
 accaggaagg aggatgtgtc atgaacgcac tgagaattca ttcagtgaga ctctgagaaa 480
 agagcctgac acgtcgaatt cc 502

<210> 35
 <211> 496
 <212> DNA
 <213> Murine
 <220>
 <221> misc_feature
 <222> (1)...(496)
 <223> n = A,T,C or G

<400> 35
 ggaattctct ttgcataag gtcgagccct gggcggcccc gchdhkhhhc tctccacgt 60
 cctcggggac cctggtctct gctccctcct cactattgaa ctacagagta ctgggggaaa 120
 gaatgcaggt tggagaaaaga ctccaggagg tccaaagctgg gcgagtcctc aggggggctc 180
 ggctcgtgtc tatcccaacc cgggctccsa gctgccctg aaggcgcttg tcacaggcgc 240
 gggtaacctgt gaaaagagac gcgtgggcac caccaccacag caggttgacg acagtgtatga 300
 cgaccactct gagggagbnc tgggtggagaa ccacgtgat gggaccatga acatgttggg 360
 aggbgtgac agtctgtgch vgaagcccct caagtcaggc atgaaggagc tggctgtgtt 420
 ccgggagaag gtcaatgaac agcaccsgca gatgggcaag ggtgccaac acctcagctt 480
 ggagvgvccc aagaag 496

<210> 36
 <211> 424
 <212> DNA
 <213> Murine
 <220>
 <221> misc_feature
 <222> (1)...(424)
 <223> n = A,T,C or G

<400> 36

ggaattcttc	cttcctttaa	tcttaagtaa	aagagacaca	gggattcaaa	aataaaaaatt	60
tcttnnccat	tcccaggcct	gtaccocagt	ccctccatac	cacccttncc	ctctctaaaca	120
gaagcaagg	aggttcagct	taacagccgc	tggggggggg	tcagangggg	ggcttctgag	180
ctcagtggtg	gtctctttcc	aaatataaat	acatgtgtca	aaactkggga	actcctccac	240
accogtcacc	ctgannccct	ccattttctgc	tgggtttcgg	gatgggggaa	gccaggcacc	300
gactggctgg	gvgtttactg	cacactttgg	ggcatkgggc	cccaccagtc	tcctgcygct	360
cgtttdgtagv	aagagatggs	acycvggggg	yhhccccgga	twggtkggga	ggctccctgg	420
atgg						424

<210> 37
 <211> 496
 <212> DNA
 <213> Murine

<220>
 <221> misc_feature
 <222> (1)...(496)
 <223> n = A,T,C or G

ggaattctct	ttgcatagag	gtgcagccct	gggcgccccc	gchdhkhhhc	tcctccacgt	60
cctcggggac	cttggctctct	gtctccctct	cactattgaa	ctcagagcta	ctgggggaaa	120
gaatgcaggt	tggagaaaga	ctccaggagg	tccaagctgg	gcgagtcgcc	aggggggctc	180
ggctcgctgc	tatcccaacc	cgggctccaa	gctgccctgg	aaggcgcttg	tcacaggcgc	240
gggtacctgt	gaaaagagac	gcgtgggcac	cacccaccag	caggttgccg	acagtgatga	300
cgaccactct	gagggagbnc	tgggtggagaa	ccacgtggat	gggaccatga	acatgttggg	360
aggbbbtgac	agtgcctggch	vgaagccctc	caagtcaggc	atgaaggagc	tggctgtgtt	420
ccgggagaag	gtcaatgaac	agcaccsgca	gatgggcaag	ggtgccaaac	acctcagttc	480
ggagvgvccc	aaagaag					496

<210> 38
 <211> 424
 <212> DNA
 <213> Murine

<220>
 <221> misc_feature
 <222> (1)...(424)
 <223> n = A,T,C or G

ggaattcttc	cttcctttaa	tcttaagtaa	aagagacaca	gggattcaaa	aataaaaaatt	60
tcttnnccat	tcccaggcct	gtaccocagt	ccctccatac	cacccttncc	ctctctaaaca	120
gaagcaagg	aggttcagct	taacagccgc	tggggggggg	tcagangggg	ggcttctgag	180
ctcagtggtg	gtctctttcc	aaatataaat	acatgtgtca	aaactkggga	actcctccac	240
accogtcacc	ctgannccct	ccattttctgc	tgggtttcgg	gatgggggaa	gccaggcacc	300
gactggctgg	gvgtttactg	cacactttgg	ggcatkgggc	cccaccagtc	tcctgcygct	360
cgtttdgtagv	aagagatggs	acycvggggg	yhhccccgga	twggtkggga	ggctccctgg	420
atgg						424

<210> 39
 <211> 160
 <212> DNA
 <213> Murine

<400> 39
caggaaatrg gacagtctcc aggckycaga ttggaggag crtaccatca cttgttgcatt 60
ggagtccccc gkccctccgt ggggctcagg tkgkaagctd gccccatwgb cwgagcattg 120
bcccattcct cygggggtrg gasctcsawa tbybgctttm 160

<210> 40
<211> 533
<212> DNA
<213> Murine

<220>
<221> misc_feature
<222> (1)...(533)
<223> n = A,T,C or G

<400> 40
gaattcggcc tgcacagact tctgggatgg cgtgacatc taccctctgt cgggttcaga 60
cagaaagaaa gtgctggact tctaccagcg agcctgccta tccggctatt gctctgcctt 120
tgctacaaag cccatgaagc gcacgctgtc ctctcagctc aacggcaagt gcacgagct 180
ggtgcagctg cccggccaga acagcatatt caccatgtgc gagctgcccc gcaccatccc 240
catcaagcca aacaaccgcc gcagcagctg ghgctccgat gaagggatcg gggagggtgct 300
ggagaaagaa gactgcatgc aggccctgag ckgtcagatc ttcattgggca tgggtgcttc 360
ccagtaccag gcccggtctg acatcgtgcb cctcatcgat gggctggta amncctgcatt 420
ccgctttgtg taccttctct ttggaggatg agctcaggag caaggtgttt gcaaaaaaaa 480
tgggcctgga raaaaggctg gaamtbecam atctcyctmh mbccaaccgg tga 533

<210> 41
<211> 512
<212> DNA
<213> Murine

<400> 41
gaattcaaaa tcactaacia ccataaaagt aaaaaccctc tgagaattaa aatgaacgaa 60
aatctatttg cctcattoat taccocaaca ataattggat tcccaatcgt tgtagccatc 120
attatatttc cttcaatcct attcccatcc tcaaaacgcc taatcaacaa ccgtctccat 180
tctttccaac actgactagt taaacttatt atcaaacaaa taatgctaata ccacacacca 240
aaaggacgaa catgaaccct aataattgtt tccctaatac tatttatttg atcaacaaat 300
ctcctaggcc ttttaccaca tacatttaca cctactacc aactatccat aaacttaagt 360
atagccattc cactatgagc tggagccgta attacaggct tccgacacaa acttaaaaag 420
mtcaattgcc cactttcctt ycacaaggga ctccaatttc actcaattcc aataccttga 480
ttawtatttg aaacaattag cctawtttat tc 512

<210> 42
<211> 711
<212> DNA
<213> Murine

<220>
<221> misc_feature
<222> (1)...(711)
<223> n = A,T,C or G

<400> 42
ggaattcctg taagaagcaa gagagagaga gaaagagaga gagabayaya bnyanyanya 60
nymnymnyab mhwgmrsdag nnnnnnnncc tgnnmcagnc catncagggg nntttttttt 120

tttccnactt	nagnanacaag	ntggnnctgn	cttncctncc	aaactccnna	ggnkgnnnttt	180
attnaagggn	ctgnaagntc	ggntgncctn	cgnccecntg	nnttcnacc	nnaggnncca	240
agnaagnacg	ntcttntctnc	tgntntnccn	actctncnac	antaagnncc	ttnnctattn	300
nagncaaant	ccntgggnnaa	ctcncctnat	ngcttnngcn	agncagnctn	ctncccnntt	360
nccecnacnt	gntgntncca	gnsccnccat	ncgtcctaag	gtcatctcag	cagacgctgt	420
acgatgagca	cacagtcttc	cagtgaatc	cgccgtgatg	gtgatgagca	gcacccctgt	480
gagaggagat	tgattttctg	gttactacgg	agctttctcca	agagaaggat	gagtcaggga	540
tagggcagag	atgcctctgg	gaccctcggg	gtacatggca	ctcacacctc	tcattgctgt	600
gacagcgacac	ctgacagaaa	tgaccacggt	tcaaacatgt	gagccttttc	aggacatttt	660
aatagcaaat	aatgtkggaa	taggacatta	aatggtaggg	cataaacaga	a	711

<210> 43
 <211> 455
 <212> DNA
 <213> Murine

<400> 43						
gaattccctgt	gctttccact	gtgtggctat	tggggggaag	tgctgtctta	agacattctg	60
atgtttctta	ccaggtttgt	ttctttcaca	gccctaggac	tggaacaaga	cagagtcata	120
gaaactgcctc	ctctcagttt	ccgaagcctg	ctagggtgtac	ttggatttga	agctgctcta	180
gacagcctga	taagattggt	cagtggagat	aacaactagt	ctcccgcygg	caaacacaca	240
ggaaacattg	tggtctgagg	aacattcaaa	atatgttgac	tatgagcatt	ttcttttttc	300
aattagaaac	catatccttc	agacatgagt	ttgtgtgcat	tagtggtata	ttacatatga	360
actcccatgg	cataaaaaaa	aatmmagcta	ttaagatatg	ttaatagta	acatatattt	420
aatgttcttc	agcccagcaa	tggtctgatg	tttct			455

<210> 44
 <211> 225
 <212> DNA
 <213> Murine

<400> 44						
gaattcgtga	cacatcctta	tgaaaaagya	gggggtagtg	ctgtcactca	catgccagtc	60
gctaagaata	agcagtaact	aggaattatt	gagaagtga	awccywgat	thaatcagyt	120
ctkaatctwc	agagccttat	agcmaacwag	aawwgcywgw	ayctgtagca	acttgggsc	180
acwkatkgtg	aggwccwyg	tagtaacaag	agaggcacac	acttt		225

<210> 45
 <211> 368
 <212> DNA
 <213> Murine

<220>
 <221> misc_feature
 <222> (1)...(368)
 <223> n = A,T,C or G

<400> 45						
gaattcgttg	tataagtcac	aaaaatctat	gatgaaaaa	aaacgaacaa	acaaaaagaa	60
gaaaagaag	agaaaaacaa	aacaatactc	caccacatta	ttcattctta	cagtgaatac	120
ataactttcta	agtcctatct	aagtgctggc	ttcttcctat	actgcataca	tcagatgttg	180
ttgcatgtct	gttagtccta	aaatgaactg	acaaatatgt	cttctctttt	tcagaaattc	240
agagtgaggt	gtaaacatga	gcagaatagt	ctttttwaaa	ttttttacct	taaatccttg	300
aaggtatctt	gcagttcacc	ctcctgcadg	gtcagtgtaa	gaacctttta	atngctatmc	360
acctatgg						368

<210> 46
 <211> 376
 <212> DNA
 <213> Murine

 <220>
 <221> misc_feature
 <222> (1)...(376)
 <223> n = A,T,C or G

<400> 46
 tgnntcgatg gatccatcga ggcttgccctt tgttgccctg ctcacctgtt gattgctata 60
 gagtccctgg ggtccaggaa cctgcaagag atgggggtga aggcctccta tgcataagggt 120
 ccataatcamg tgtgttgctt gctgggtggc agcccacayt ttgtacccac ttcctctgct 180
 ggctctagga gcctggaaca tgcctctccc cagcctgcct ctggctttcc ctgtggtcct 240
 actccgtgcc acagcacytg ggaagtcttt gtgtactaag tctcctgata gccagtkstg 300
 ctttagartg tggcgctyc ccacogetkg cggggaccat ccattttctt ttcctctctt 360
 caggaagttg gagata 376

<210> 47
 <211> 650
 <212> DNA
 <213> Murine

<400> 47
 ggaattccat tatttaaaat tattaaccac tcattcattg acctacctgc cccatccaac 60
 atttcatcat gatgaaactt tgggtccctt ctaggagtct gcctaatagt ccaaatcatt 120
 acaggctcttt tcttagccat acactacaca tcagatacaa taacagcctt ttcacagta 180
 acacacattt gtgcgacgt aaattacggg tgactaatcc gatataata cgcaaacgga 240
 gcctcaatat tttttatttg cttattcctt catgtcggac gaggtctata ttatggatca 300
 tatacattta tagaaccctg aaacattgga gtacttctac tgttcgcagt catagccaca 360
 gcatttatag gctacgtcct tccatgagga caaatatcat tctgaggtgc cacagttatt 420
 acaaacctcc tatcagccat cccatatatt ggaacaacc tagtcgaatg aatttgaggg 480
 gggcttctca gtacacaaag ccaccttgac cggattcttc gctttccact tcatcttacc 540
 atttattatc gcggccctag caatcgttca cctcctcttg ctccacgaaa cwgggctcaa 600
 cracccaca gggtttaact cagatgcaga taaaattcca tttegccctt 650

<210> 48
 <211> 327
 <212> DNA
 <213> Murine

<400> 48
 gaattccggc ctttttttaa ggtgtaggga ccacgtgcaa atttcagcac agaccacagg 60
 ttctaggagg ctctcttctg aagtatatc gtctttcaag aaatatcagc caaaagaaaag 120
 tggtttatta tttttctact tttcttgaac ttggtaaaaa aaatagccat ctctaataac 180
 taaagtattt aagttctcaag ttatatcact tggatatcact tctgtmctgt gtttcttttc 240
 tttatmccca ccccttggtt gtctgggagg ccatatgctc atketgccc dytggctcct 300
 gtgttaccag gctccagtc tctcttt 327

<210> 49
 <211> 297
 <212> DNA
 <213> Murine

```

<400> 49
gaattcagaa ggtcctttat ccttccctca agcaactcct ggtttcctgt tagatcctaa      60
ccctgatctt mtccagcagct gtcctgtcagg cagtcctccac cctgaaccac cttctgamct      120
ctygccatct ttgcctataa catactatctt mctttggggg actaagggtta tgaactgagg      180
gggagtggs ctaggsccct taaggtaggc cttctwoggt tctggggact aagaaaacca      240
gaacttycct aagytgcctc tggvaagcct aaattccsst atgctcccc caaagca      297

```

```

<210> 50
<211> 160
<212> DNA
<213> Murine

```

```

<220>
<221> misc_feature
<222> (1)...(160)
<223> n = A,T,C or G

```

```

<400> 50
ggaattcacc accaccacna ccttcagctc atcggtatgta cagtttacag ttgagtaaca      60
gtgaacggaa ggattttctt tcttggtcgg atgtgcagaa cttgggatgt gtatatataa      120
atatataata trtataaata tatdtaatnc ngacttaaat      160

```

```

<210> 51
<211> 532
<212> DNA
<213> Murine

```

```

<220>
<221> misc_feature
<222> (1)...(532)
<223> n = A,T,C or G

```

```

<400> 51
gaatwgttc ccatgtagga ggtaaaacca attctggaag catctnannc ttccataaat      60
aaccttaatw yttagcataa tdaacgcctt ngattgtctg nanctcagta gctattaaat      120
aacatcgagt aacatctgca tcaggchctc agaataataca gttgagttgg gagtaaaactg      180
aaaagacaaa tgtgttgawg dcatgcccac gggaaatctnd ctcaaaagcct aacacagnad      240
dcancttcac cccagtgcac atnytggaag tacagatggt gatdgcaaaag gtgtagaaca      300
cattttttca aagactaaat ctaaaaccca gagttaaamat ccgatgtcga gagtttagcat      360
aatttgagac tattcaggaa twgcmgagaa atgcattttm acagaaatca agatgttaww      420
ttttgtaaaa chawawwcac ttagamaact gtgttttcatt tgctgtaawc agttttttaa      480
agtcaratgg aaaaagcaac tgaagttcct tgaaaataga aaatgtaatt tt      532

```

```

<210> 52
<211> 467
<212> DNA
<213> Murine

```

```

<220>
<221> misc_feature
<222> (1)...(467)
<223> n = A,T,C or G

```

```

<400> 52
gaattcgagg tgtggagget ggtgctgagg cgcgggctgg gctggcgaag gttggtgact      60

```


tggtgtgcagc	cagtgaggcg	ggtcacctgc	angggggcct	tgaatgaagg	ctgctaggcg	120
agatcagtgga	agaaggaagg	ggcttgggtg	gcggaggccg	gggagaatca	tgagggaagg	180
accnngggbn	nbaggctgat	ggsggggtta	ctgtagaagc	tggtccgagga	atctggagaa	240
angggagacc	ttingtttaga	ccgattttkc	aaanccactgc	cccttggttg	agctaccccc	300
ccaaaaccce	tgdnngdccc	ctgtaccga	caatgggcag	cctctgttg	atgctccctg	360
tctgtccaag	ctctgaccat	ctctatatct	agtgtctgta	cctaggtctg	cctcactcat	420
tgaatggagg	aattgttcca	gagtagggcc	aggctctctc	aaagtgg		467

```

<210> 53
<211> 344
<212> DNA
<213> Murine

<220>
<221> misc_feature
<222> (1)...(344)
<223> n = A,T,C or G

```

<400> 53						
ggaatttgtt	tcataatatt	tattttttca	tttgggaact	ggggatattt	atttaggaag	60
gatggttcag	ctctttttaa	tctttgggct	cactgatggg	gtgggggggtg	ggacacgggg	120
ttgaaggaac	ttgaaagtgg	ggaggaatgg	tactattggc	atgggggtac	ctgggtattga	180
aatggacac	atnhncyagc	tgagagtgat	gtcacthgcc	tgtaaaccca	ttattctttg	240
ggatgtctga	gcagggggat	tgagagttag	ggactaataa	tnrctagggtg	ctgacagtag	300
aacaggaagg	agggtagaac	ctgagttttg	tngcctcttt	taaa		344

```

<210> 54
<211> 402
<212> DNA
<213> Murine

<220>
<221> misc_feature
<222> (1)...(402)
<223> n = A,T,C or G

```

<400> 54						
gaattcggag	acgctatncc	gcttccatcc	gtmddcdaga	ccctgccgga	gccgctgccg	60
caatggatga	tcggggaggat	ctgggtgtacc	aggcgaanst	ggcagagcag	gccgagcgat	120
acgacgaat	ggntgggaatc	aatgaadraa	gtagcaggga	tggaagctkga	gctgacagtt	180
gaagaacgaa	acctttttwat	ctngttgcat	atnaaaaatg	tgattkgatg	ccagaagagc	240
atcctcgaga	ataatcagca	gcattgaaca	graggaaagaa	aacaagggag	gagaggacaa	300
wttaaagagt	attckkgagt	taccggcaaa	tggttgaahh	ctgagbytca	agttaatctg	360
ttgtgaacat	tctggatgta	ctggacaaac	acctcattcc	ag		402

```

<210> 55
<211> 525
<212> DNA
<213> Murine

```

<400> 55						
gaattcgaga	agacttacag	tggtggcctg	ataaggtatt	tgggaaaagt	ttataccttt	60
cattagagtc	ctaacaacca	ttcactccat	taaatgtttc	tgtttgattg	aatgagactt	120
ttataggact	gttgaaagaa	ggcatcagtt	ttaaagtgtc	tatctgccct	ttgttttaga	180
agcagaccac	tagagatctt	ctggtgcatt	cccaagctag	gtaccacatg	cacttgwtbc	240

ttgatgaaat	gaattagagg	attgggggtg	tagtctcagt	aacacatgag	aattgttaca	300
ttcttttgga	ggcattgact	ctdmcaggtt	tgaaatgtca	aatggaccct	agttttctaca	360
gggcaagctc	tagtcattga	tgcagggtgc	atgtaggggac	gagataaggg	ctatggattt	420
ccatttttatg	aagtacgttt	gatagacct	gtgatgctta	gtagacaaag	gagtaggcca	480
aatgagagta	ggggaggkkc	agaaaaatag	gccagaggta	aatty		525

<210> 56
 <211> 457
 <212> DNA
 <213> Murine

<220>
 <221> misc_feature
 <222> (1)...(457)
 <223> n = A,T,C or G

<400> 56	
cgcggattct	ttatcactga taagttggtg gacatattat gtttatcagt gataaagtgt 60
caagcatgac	aaangttgca gccgaataca gtgatccgtg cbgcccctgga cctgttgtaac 120
gaggtcggvg	tagacggtct gacgacacgc aaactggvdg aacggntngg bggttcagcn 180
gccggvgctt	tacngdhvct tcaggaaacaa gcggggcgckg ctcgacgcac tggccgaagc 240
catgctggcg	gagaatcata cgcattcgggt gccgagagcc gacgacgact ggcgctcatt 300
tctganncgg	gaatgcccgcg wgcttcaggcg agngngctgct cgcctascsc cagcacactg 360
gcggnnntcg	agcatgcatic tagaggggcc aattcgcctt atagtgagtc gtattacaat 420
tcactggcgc	tcgttttaca agctcgtgac tgggaaa 457

<210> 57
 <211> 506
 <212> DNA
 <213> Murine

<220>
 <221> misc_feature
 <222> (1)...(506)
 <223> n = A,T,C or G

<400> 57	
gaattcccgga	aaactctctc tgcccaaaagc tcccnntagc tactacactg aatccacaca 60
ggcttggttag	aaaccacagc ggtcgcccca aatctgccac agttaacgct atatgtaaaa 120
cttgaacacag	actctyaaaa cccctggtag actthtagct tcttgaggga tcanttggtt 180
acagagtcag	tcaacatagc aacntatdcc tccnrggcat cnnggtacgt caccaacata 240
nngsyttgnh	hagcccgagc cacacaacbs ntcagbttac nncgctmgca gtachavenn 300
nardamgtgg	stgtytnnwkg ggcrgcmctt nntyawcmar cnkracyrnt vkgnnnnnag 360
swkybntnsr	kawyyrkgsa gccccaggac aacaagccag cagttttctac ttctgcagct 420
ctttgttctt	aacagctctag ctgacaagcc accgttctact ccgaaatcca ctcacctatg 480
tcaatagscc	tagargtata tttaaag 506

<210> 58
 <211> 304
 <212> DNA
 <213> Murine

<220>
 <221> misc_feature
 <222> (1)...(304)

<223> n = A,T,C or G

<400> 58

ggaattcggtt	ggcaccaggg	cgccactaaa	ttaaatgtag	tcagcgcccta	aatggttctk	60
gcttgggtat	caggcgtagg	ttkgccaggga	ttyygcttcc	ctaaatacgt	ttttctgact	120
tagactcatt	tgtaattatt	gttcatttca	tttgtgtttt	tttttcttcc	tottttctct	180
ctctcdodhh	hnhcbccctg	tcacaatgat	aacaatttag	cattccagck	caaaaagagt	240
ycctntttga	gaagcaaaa	caaggacaaa	gacaagtcty	catttgtcca	tccagctctc	300
tcaa						304

<210> 59

<211> 471

<212> DNA

<213> Murine

<400> 59

gaattccgct	gtcttcagaa	gagggcatta	gatccctgtt	acagatggtt	gtgagccacc	60
atgtggttcc	tgggaaattga	actcagaacc	tctggaagag	cagccagtgcc	tcttaaccgc	120
tgagccatct	ctccaatccg	cagttattct	cttttaca	tatttyattt	ttacatgtgt	180
ttgtatgtgc	ttgtatgtgc	atatgtattt	gtagatatcc	accggagctg	aaattacata	240
caggttagctg	tgagcmccat	gtgagtgctg	gggaatcaaa	ctcacttgcc	tttttcaaaa	300
tmagtccacg	ctcctaactg	ttgagccatc	tcctcaggcc	ccaactttct	gatattttca	360
aaataaaaagt	caacggtaca	tctatggcca	ggatcgagct	atatgmaggt	cmcagtaact	420
ccagggytca	cgadvtagct	aatgtatrc	cggtgcttgc	taagaactat	a	471

<210> 60

<211> 32

<212> DNA

<213> Murine

<400> 60

gaattcctct	gcatagcaag	tgctaggasy	at	32
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<210> 61

<211> 333

<212> DNA

<213> Murine

<400> 61

gaattcccaa	attttgggta	aaaataaaaa	attattctcc	ggctctacct	cgctcccca	60
aaagataccg	agagccacat	gtgtgggttt	taccagtacc	cacgggagga	atcggttcca	120
tgctccacca	agccaaggtt	aaaagcccac	tcattctacg	atgagaaaa	caatttgaat	180
caactcagtt	aagcgtgtcc	ttaatttaac	ttaatttaata	agggggggag	aragattgga	240
ggacvatact	aattgaaarg	ggcaagccct	thacwgccyc	ccaacccaaa	atwaaaargg	300
ccggyygaac	mgsctttcty	ccctkgwtty	aaa			333

<210> 62

<211> 365

<212> DNA

<213> Murine

<400> 62

gaattcccg	gctcdagcgg	cogctttttt	tttttttttt	tagttttgtg	tcgtttaatt	60
aaaaaaactc	aacagggata	aaaaaacaa	cattttcat	aatgcataca	ttctcaacat	120
ctgcagatga	gataataaaa	agaaggctaa	agcagacata	ctgtgtattg	cttctctttg	180

gtaagttacc aatatcctct gcagaaataa aatatgttaa aaacaaaacc catggtmtta 240
 aaataatgt ccottagat taacchaaat attcagcaat aattacagta gatgtagttt 300
 tcaaatggc aagaatgcat aatactttat tctctgagg gtaagtagct gctttccaaa 360
 attaa 365

<210> 63
 <211> 331
 <212> DNA
 <213> Murine
 <220>
 <221> misc_feature
 <222> (1)...(331)
 <223> n = A,T,C or G

<400> 63
 gaattctacc tggccacctc agacaaggag aggaadgaag atwggtecca gagctcatgc 60
 aagtcgtctt gctcagaaga cccaaaatgt gcagcttccct ggagtggagg gacctcaaa 120
 ttgtctataa gaagataacg cartctctat ttctgctgcg ccacggaagg gccaaagacaa 180
 cgagctgcat acactggarg ctgattccacc gatagctaga gctcttgagc aagtaactcg 240
 gmarcgtatg tgagtggaa cawcatctty maactttkag gaaagcctam ctttawtctg 300
 grmsgagdt tytkawtggt tnrgggaatg a 331

<210> 64
 <211> 554
 <212> DNA
 <213> Murine

<400> 64
 ggaattctct gctgcggctg cgggatggtt ggcggtggcg ggaagcgccg gacggccggg 60
 gcgggaccgc agttgtgaca aagacttttc atggtgcagg cttggtgttt ccagttagata 120
 aaaatgatgt tggttaccga gagctccctg aaacagatgc tgaccttaag agaattcgca 180
 aggcagttgt cgacgctgca agssaccgag gagagactga aagcattcgc tccattcagc 240
 gagatgatga cttttgtgca gtttgctaatt gatgagtgtg attatggcat ggggctggaa 300
 ttaggaaatg acctcttttg cyatggctct cattattttc acaaagtgtc tggtcagctt 360
 ttacctcttg cgtataatct attgaagagg gatctgtttg caaaaattat tgaagatcat 420
 ctggcaagca gaagtgaaga gaacatagac cagcttgagc gatgaacaag ctgcctctgt 480
 agtgcatgcb ctttgaagtg ggaccagcag acggggcttt gtttttaagg aatggagaaa 540
 taaatgaatt ccmc 554

<210> 65
 <211> 333
 <212> DNA
 <213> Murine

<400> 65
 gaattccctg gaggagctca tcgactacac cggcggcctc aagcacgaga tcttcgagag 60
 ccacggtcaa gatgctgaat tatcagggac actttcaact gttctgcaca cagtctgca 120
 aaagaataaa ggacactgtc cagaagttgg cctctgacca caaagacatc catagcagtg 180
 ttctcgagtt ggaagaagcca ttgatargaa ttttgattct gacattaggg argtkgtggg 240
 gaatwgatgg yytgctkgcc aggcagrac agccmaacgg cttctcaatk gaggtcatkg 300
 gktggraaca ackttcttcc cggaccaagg raa 333

<210> 66
 <211> 439

<212> DNA
<213> Murine

<220>
<221> misc_feature
<222> (1)...(439)
<223> n = A,T,C or G

<400> 66
gaattgtgtc gtgcatagcc tccacactag ggttacagat tactgtgtgt ggggtgtgtg 60
gcgtgtgtgt atgtatgaga tatatactgc tagctcccca gaactagtct gtggggatca 120
tcttctgtgt taactgatgc acggcccaag ttcggcaaca gcactccaag gcaggtgggtc 180
ccgggctgta taagaatcta gccaaagcatg agacaattgt ttctctagct gatgcattgt 240
atttacaat tagaacatgt caagacagca agtcttctcc ttagataatt ttcttggtat 300
ttcaaatacc tacagtgcnc tgacttcaac sctgggrrrd arggaradr vcacaaccct 360
aaatacytgt ggcggctaas cgaacagaar ggggcatgt gtgaagacca rcctgggcta 420
tatgggtgaga attccacca 439

<210> 67
<211> 537
<212> DNA
<213> Murine

<220>
<221> misc_feature
<222> (1)...(537)
<223> n = A,T,C or G

<400> 67
gaattcccg atcatgtgtt gtctaactct taggaagcga cctcgttggg ttctctttag 60
gtccaggtag tatttctctat tgtccctctc tatatagtc gttttgagga cactgtgagg 120
atgctcttct gacccactg acaccgggtg ggaggggtgca gaattgctct gcygcctctc 180
ggagacttgc tctttgtctc ggccatgctc ctgtctgttg cctttcaggc ccagatggggc 240
atagtgtctg atgaagtygc ctgacagtc cttcagctct gctgtaccg acagggagag 300
ggctagttta ctctttctga tattgtcctg ccggcctctc cctatccaga ctttggctat 360
ctttaggaag cnnbccggg agctctgctt cactctagg taaaaccyct ttttysgat 420
gtccacaagt ttggaggcta gctcctggat ttcsgatgt ccccccagct gattaggggt 480
bgctgahtcg gagtgtkkg gggtagtgag aatdctgggb ctggggatag aggtcac 537

<210> 68
<211> 435
<212> DNA
<213> Murine

<400> 68
gaattccctg gttatgtggg gataaaaaat ccaggcagcc totaccaga tgccagtcac 60
ctagtaaaaa caacccttta tagtttttta aacttaaaaa gacaacgctt gaactcagaa 120
atgtaatttc taactcaaca ctaacctggg taattattaa taactgcagg aacaagtggg 180
gagggggcag gatgacagaa tcgattagga atttttaact gttgaatgca cataagaagc 240
catcagccaa atgaccaaca aagcagtcct aaaaattcat caggccttag taatcgaact 300
tcagtaacct aaaccacca tggggcagtg tgcattggaa tccctcttkg obctcccta 360
aggagagcag tctaaagaac agataccact tctgcckaatt tccaccacac tggckggccg 420
ctcgwgcag catct 435

<210> 69

<211> 317
 <212> DNA
 <213> Murine

<400> 69

gaattccaga	ctgacccggg	cagccaaggt	gttgagcag	ctcacaggcc	agaccccggt	60
gttctccaaa	gctagatata	ctgtcaggtc	ctttggcatt	cggagaaatg	agaagattgc	120
tgttcaactgc	acagtcgctg	gagccaaggc	agaggaaatt	ctggagaaag	gcttgaaggt	180
gcgggagtat	gagttgcgga	aaaataactt	ctcgataact	ggaaactttg	gttttggaat	240
tcaagaacac	attgacctgg	gcatacaata	csacccaasc	atkgggatct	acsgcctksg	300
amttctatct	cctbctc					317

<210> 70
 <211> 340
 <212> DNA
 <213> Murine

<400> 70

gaattcggcc	gagcgccgct	tttttttttt	tttttttttt	gaggcgggca	gctaaggaag	60
gttggttctct	ctgccggtcc	ctcgaaagcg	tagggcttgg	gggttggtct	ggtccactgg	120
gatgatgtga	tgctacagtg	gggactcttc	tgaagctggt	ggatgaatat	agattgtagt	180
gtgtggttct	cttttgaaat	tttttttcag	gtgacttaat	tgtatcttaa	ataacctacc	240
tatagggaac	maagggaag	tggctttwat	tkaccctcgr	aagggadttt	tyttctgggt	300
grataggctt	tttttttttt	ttccaagtta	agaggrtact			340

<210> 71
 <211> 398
 <212> DNA
 <213> Murine

<220>

<221> misc_feature
 <222> (1)...(398)
 <223> n = A,T,C or G

<400> 71

cgcgatagaa	gacagacnng	btagagaggy	ggagyaayyc	agcagcagaa	tncttgccga	60
gcacgaagcc	ccagcttcca	tcctctctgt	tgcaagaat	aaattaat	taaagtccca	120
tttaaaataa	agggcttgag	ccaggtgggtg	gtggagcaca	cccttaattc	cagcacatag	180
gagtcagagg	caggtggatc	cttagagttt	gaggccagcc	tggtctatat	aaagttagtt	240
caggacagcc	agggtttggt	acamaagaga	aaaaaagatg	ttgtaatgtt	gagtaaaaca	300
aaacacaaac	gaagaatctg	ttacaggaat	aatktgagag	agtcacygct	ttagratgaa	360
tactgtgggg	ttttctcygt	gtgttcttgg	ggtgtttt			398

<210> 72
 <211> 618
 <212> DNA
 <213> Murine

<400> 72

gaattccccc	taactgcttc	ctgctagaac	atcaattttac	ttttcaagt	tcatactcgt	60
gctttgaaaa	gaagaacagc	aacacaccac	agcatccatc	gggcttgacc	tttctcaaat	120
aaacacagag	gggctcttga	aaggcaagaa	ccatttaact	ttaaaattct	tcctgcttgg	180
gagtgagggg	gggtggggagg	cagtgagatac	gtgtgcaggc	atagtagtga	cagaactcag	240
ctgatgttct	gggggtgggc	ctggggagaga	tatcatcacag	gactcggccc	atttttaactc	300

tctggcctaa	agattttgaa	ataggaccaa	gttgtccatg	aagaggggct	gagaagccag	360
aaactgggat	tatagcataa	ttttagaact	ccgtgtgctg	tgatgagatg	ctgccaggct	420
gagctgcgbc	ctctgagatg	ctcggcagtc	agagtgtgtg	taagaaaaac	cctcagttata	480
ggaacagact	ctaggtgcct	gacattttgtg	gctctagcat	ctatatccaa	tagttthcac	540
atgataggcc	tgtaaaacat	atgtttctga	ggacaagaca	tttctaagag	agctctggag	600
gttatttgaa	cagggtttt					618

<210> 73
 <211> 531
 <212> DNA
 <213> Murine
 <220>
 <221> misc_feature
 <222> (1)...(531)
 <223> n = A,T,C or G

<400> 73						
gnggcgcagt	gtggvtgmat	tctttatacaa	accgacaact	gtcaccaaaag	cttataaaaac	60
acgatagatc	tgctccctctt	ttctgaacca	tcagaagaca	caaaactgtt	agtgcacaaa	120
acggtgacag	gtagctggga	cctagggctat	cttattatga	aggtgtgttt	gcttgtgtta	180
tatttgtgta	tgtagtgtta	cgaatttgta	ccatagagga	ctgtccgtaa	ctactgttta	240
gcttctacac	attgaaatgt	agatgtttca	ttggctgtct	gaaaagggtg	ggcttgtcct	300
tcctagagag	attctacttaa	aaactgcctt	gtgacaaaaa	ccacacctga	agaaatttta	360
agaattttggc	ccagtttagtc	actctgtgta	atcccggaat	ctagctgctg	aagtcttgccg	420
aaagtaaaact	ccogtgaccg	atgtcagtta	agctgggtgat	acctggagag	gtgggtcagtt	480
gctaaggaag	tggattttccc	agtagggggtt	tctgcacctc	acctgtatag	g	531

<210> 74
 <211> 491
 <212> DNA
 <213> Murine

<400> 74						
gattcgaaca	taccacctct	gccccatava	ctgttctctc	cgggggaaaa	aaatgggaagt	60
tacctcacag	ttcactgcgc	tggtatttca	tctgtcccat	gctttgcattg	attgccattgg	120
tacagcattg	tttcaaacctg	ttcactgtga	tctgtgggtc	tttgagtttc	agtgagtttg	180
ctgaaatgtc	gaagaaatat	ttccaaactt	caatgttcaa	tgaaattttt	gttcaagttt	240
gaaatggaga	gagcagcttt	aaaaggtact	aagcctttta	caaatgtgtg	agtagctggca	300
catgagacct	agagcaggac	caacttctca	cacatagtca	gtgggaaaaa	aaagtgcctt	360
gaaagtctct	ccctcmcta	cacagtagtc	gtcatgtcga	gacctgccag	agagagacac	420
attctcaagt	gaatcctggc	ttcttggaag	cgcttscct	agacgagaca	cagtghcatt	480
aaaacaactt	t					491

<210> 75
 <211> 389
 <212> DNA
 <213> Murine
 <220>
 <221> misc_feature
 <222> (1)...(389)
 <223> n = A,T,C or G

<400> 75

ggattctctc	cataaatttga	aaggaggcan	ngtctcacta	tatggctaa	gctatcctcg	60
aacttgcgat	cctcttatct	cagccttcca	agtgcctagga	ctacaggtgt	gtgcattctcc	120
actatcagcg	ctcacttgta	gatgggaaac	aggagtgcgc	catctgagaa	tatgcattg	180
ctcactaata	aagccaggac	cacaccacag	cagtcagggt	tgtctbcggc	gatgggctga	240
ccttctggga	catatctact	ctatgtccaa	gccaaaggaca	ctgmctttcc	ccatgtgaac	300
ctagtctcca	gaaatgagcc	aycccttcca	atggatttat	gccactggat	gtgaaaagg	360
atgctgttgt	tttgtattg	ggaagccct				389

<210> 76
 <211> 605
 <212> DNA
 <213> Murine

 <220>
 <221> misc_feature
 <222> (1)...(605)
 <223> n = A,T,C or G

<400> 76	
gaattcgcctt	gcttcaaagc
ctatgtgcca	ggaagccaga
cccacccgcc	agagccacct
gctcctgcac	ttccttcggt
gcaagaaaag	tatgcgttgc
ggctcagaca	gtccactcct
gagaaggcgg	tgagagtcgc
cccacgcctt	ctttcttcaa
ccgagcbghw	ttnnycggcc
gttcgcgcgc	tgcaatctgc
gctttt	

<210> 77
 <211> 465
 <212> DNA
 <213> Murine

 <220>
 <221> misc_feature
 <222> (1)...(465)
 <223> n = A,T,C or G

<400> 77	
gaattctaac	gcgtgcgcga
tgaagggccc	gcgccggggg
gcgcaccacc	ggcccgctct
taggacccca	aagatgggtg
aggctccgtg	cggctcctgac
ctaactcgaa	catctagtag
tcgctcccca	cgtacgcagt
aaacgatctc	aaactattct

<210> 78
 <211> 681
 <212> DNA
 <213> Murine


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<400> 78
gaattcgag cagcagaaga tgggcgtcta aaaaggggag atcagatcat tgctgtcaat 60
gggcaaagtc tagaaggagtg gacccatgaa gaagctgttg ccatctctcaa gaggacaaag 120
ggcaccgtca cctcatggtg tctctcttga agtgactgcc agagctgaag cagcccagcc 180
actggctccc ctctacttgt aacagagagg acctgtttgt atgctgtgtt ggtcggagaa 240
aactacaggg agggcgagaaa cagagtggtt gttactcaca gccaaagatc atttttccct 300
tactctgcat ttcatgatca tatactcaaa aagaagagat atttgcatag ataaacctca 360
gttttatctc gacaatatct aacaatttaa ggtcacgtgg acaaaattat tatagtttca 420
tctgtttagt ttggaaacaa aatgatacaa agttaggcaa ttagggttaa gatggaaatt 480
tagagaaaaa gaagacagtt ttgagtttta taggacttct tcaatccagc agtccaaaag 540
aagaaaagaa agtgcttgca atacttttga atagtctact gttttaaaat tgtgacatat 600
tggctctact taccctaat gcataatttt ctgctaaaaa tgttttagac tctttgtaag 660
ctttaaagr aattccygtt t
681

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<210> 79

<211> 538

<212> DNA

<213> Murine

<220>

<221> misc_feature

<222> (1)...(538)

<223> n = A,T,C or G

<400> 79

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gaattccctt cagaattgtc accccacata aaaagttttc catctcagtg aagagcagcg 60
gatgtattgg cgccagcaga gagctgttta atgggtatcag caggtgtaaa gaagacaatt 120
tgatgaaagg tbtctctatc gtcagtggtca ccaagcccca gttgaccttc attatttcca 180
ccagctgcac atacgccacc agtatctggt gaaactaagg tgtgtgttct tccacaggca 240
gcaagtttca cttctcaggg ctttaagagct ttgatacatg ttggcttgat gatagcagct 300
tttgatctca atcttaactg accccagttg ttaactgccga acatgtacaa tttattattt 360
cctgtaacaa tagcagtatg ttcatctcca catgaaagac atatgggtat gtcattttta 420
aaccaagaatt tgctaggaat attttcggga aattttagtt nncaaacgtt aaaaacagca 480
cctgtatcgg gcaaccagtga ctcagattcc gccatgccga agcctgcgaa cggaattc 538

```

<210> 80

<211> 130

<212> DNA

<213> Murine

<220>

<221> misc_feature

<222> (1)...(130)

<223> n = A,T,C or G

<400> 80

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gcgcttctng ckrnngtcat ggcacatntag gagngtgscc aatbrogosc ctattakgtg 60
gastgcgthn ttitarcratt tacasctkkg gccggttogt ttttttagcva accgtayggg 120
sgatcttggg
130

```

<210> 81

<211> 422

<212> DNA

<213> Murine

<400> 81
 attctcaggc ctcccttagtc actgagacca ggtctctccc atcaaaactcc ttgagctgtgt 60
 gcacgcagta ctgcgtcaata ggtcagctca tatacaccac ctogaagccc cgtctccgca 120
 ctgcctccac aaaggcagag ttggccactt gctctttgct ctccaccagt atatatagta 180
 tggacttctg ggtctctctc atgcgagaca catactctga caaggaggtc atctcatctc 240
 cagactgaga ggtgtgatag cgaaggagct cagagaggcg gcbgcggtta gtggaatctt 300
 catgaattcc aagctttaaa ttcttgagga aggcctcata gaactctctg tagttctctt 360
 tgtctctcag cagctcgag wakatgctyc ahggcacttc ttgacgatgt tottgcggat 420
 ga 422

<210> 82
 <211> 383
 <212> DNA
 <213> Murine
 <220>
 <221> misc_feature
 <222> (1)...(383)
 <223> n = A,T,C or G

<400> 82
 cgcagtggtg sntcgcattt agtttttttt tybbgcacct tattctgtgt gtgtcttcac 60
 tagagataat cagggtgcca ctactgtctc ttactttgat acctttatga aaaatcccaa 120
 tgaggtaatt tatggttttag taaatgaact caatagcttt ttkgtttcaa gagtccaaca 180
 atcctaattc cttgaacttt ttcttagagg ttatatcttc caatcttggt tttgtttctt 240
 ttaawtttgt tcyttawett tctctcattc tyacgkkatt tctgaaacaa caccaccaata 300
 ggaawttgag cccmcagttc aattkgacct cacctcctaa gaagtgggsc ttcttttctag 360
 tggaccacca ctwaaggra aac 383

<210> 83
 <211> 609
 <212> DNA
 <213> Murine

<400> 83
 gaattctctgt gggcaatgac acacacacac acagagttag ggagagagag acagatacac 60
 acatacatatt gaattgaaatt ttaatttaac tcatgtaatt ccccttgagac atggaaaaacg 120
 cagttgtgag gttaaaccat acaagcttaa gactttgaca gcatcacaatt gatcaccacg 180
 ttactgtcca gaagcacaga attcatggtt tcccactttc ttctctacgt tagataagct 240
 tgcagtgtga gagtttgtca taggcgagtg cttgttcaga taggctgtta acgattccaa 300
 gttgtttcta attaaatatg agtttttaag ttattgatgc ccccatgtgg tgaagagcgt 360
 atctttctctc gtgtagaact tggaaatgac tatattttca ttttaataaa agtggataat 420
 aatgtttttt ggaaatgctg ttgatcaggg acataatttg aattttgtaa agctcattgc 480
 cataaaaattc acagctctac cctgtgttgt ctgagaagtg catgtaacca agcacgccca 540
 ttgagacaaa gtataagaga gactgagtta tagaatagcm tagggcttth tcygatccat 600
 gtttgdtag 609

<210> 84
 <211> 325
 <212> DNA
 <213> Murine

<400> 84
 tcagaccaac atcaatcgat tcattaaata tottacacta ttctgtatta ccatgcttat 60
 yctcaccctca gccacaaca tatttcaact ttctattggc tgagaagggg tgggaattat 120

atctttccta	ctaattggat	gatggtacgg	acgaacagac	gcaaaactg	cagccctaca	180
agcaatccct	tataaccgca	tgggagacat	cggattcatt	tagctataag	tttgattttc	240
cctaacaata	aactyatgga	gaacttcaac	agattatatt	ctccaacaac	aacgacaatc	300
taattccact	tataggccct	attaa				325

<210> 85

<211> 360

<212> DNA

<213> Murine

<400> 85

ttcgatggat	tccatcgagg	cttgcccttg	ttgacctgtg	cacctgttga	ttgctataga	60
gtccctgggg	tccaggaacc	tgcaagagat	gggggtgaag	gcctcctatg	cataggttcc	120
atatcagtg	gttgcttgcc	tggtggcagc	ccacatttgc	acccacttcc	tctgctgctc	180
taggagcctg	gaacatgctc	ttccccagcc	tgccctctgg	tttccctgtg	gtcctactcc	240
gtgccacgc	acttgggaag	tcttgtgtac	taagtctcct	gatagccagt	gcgctgcttt	300
agargtgtgg	ccgccttccc	accggcgctg	ccgggggacca	tccatttctt	cttctcttct	360

<210> 86

<211> 456

<212> DNA

<213> Murine

<400> 86

gaattcggtt	cctgacatca	agaaaacact	gcaagttccc	aggacaacgg	ggacagagct	60
gaagctgggg	acagagaacg	ggtgctccct	aggctaactc	tgtctgggtt	tccagccacc	120
cagaccctga	cttggggcgt	gagtccttaa	aatagctaca	gtacaagtag	gtatatgaaa	180
gtggagtgtc	cttcagagtt	caagctacta	caaaatgata	cctgtccccc	ccaggggaatc	240
ccaattcaga	agtcagaatt	aaagtggcca	attatctctg	agacagggag	agagagacag	300
ccttggaaag	ttgcattccat	gaggacagta	atttgttaaat	gctaagtgtg	atcccccttc	360
atacaatgtg	gcaaggsata	tatgtcttaa	aaccagcttg	agccaggtat	ggtgatacac	420
yyctgcaatc	caaacamytt	gggaggcgta	gagaga			456

<210> 87

<211> 274

<212> DNA

<213> Murine

<400> 87

ggaattcgat	cggccctatc	cactaaactg	ctggctggag	ctctgagagc	tcctccctgc	60
tgaggcggtg	ctgctcgccc	cgttaagtgc	agcagcatat	ctctggcgcc	tgtagccaat	120
ggttgcacata	ggcagctgcc	ccataggctg	cttgagcata	ggtgtatttg	cctgctgtgt	180
ccccaaaggc	agaatttggg	cttccatagc	cactgccatt	agcataactg	gctctatcgg	240
ggttccacta	csgatccctg	taagcttgta	gaat			274

<210> 88

<211> 521

<212> DNA

<213> Murine

<400> 88

gaattcgtaa	aaggaggcct	cgaatctgag	tgacaatggg	cccttctact	ccagggacaa	60
tgattgtatc	cccttctctc	aaacgtccat	tgatcaatat	gacatctatt	tggtgcca	120
ttcctgggag	agctttaacc	tccatgactt	gtgctctcag	ctcttcacag	tggtgcaagcc	180
tcttgcctaa	catggtttga	gttaactcca	caagaaggta	gatgagactt	cccattgccat	240

caccagtatg	tcgacagagga	ggtaccaagg	acacgaaaagt	gcggggggatc	tttattctca	300
taaaacaaag	cagcattccaa	accctgctgt	gcaaatctca	caataatggc	ctttgcacgc	360
tctcctaatt	catcctttgt	atcctctctc	tgctttttta	aagtaacago	cwcatctagr	420
atcaggastb	tttyttccaa	tcatataacc	tggtcaatct	ttattaagtg	caacaatgaa	480
ggggcacttt	ttagatttga	gaatkttgat	tgattcaatt	g		521

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<210> 89
<211> 575
<212> DNA
<213> Murine

<220>
<221> misc_feature
<222> (1)...(575)
<223> n = A,T,C or G

```

<400> 89						
ctcagctatg	cadvvvntg	gtacgagctc	ggatccacta	gtaacggcgc	ccagtgtggt	60
ggaattcttt	tttttttttt	ttttttgaga	cagggtttct	ctgtatagtc	ctggctgtcc	120
tggaactcac	tctgggatac	gggtggcctt	gaactcagaa	atctgcctac	ccctgcctcc	180
caagtgtcgg	gattaaaggg	gtgcaccacc	actaccgccc	ggccactgat	atgccttaag	240
tgacagacat	tatgcttgtc	aattagcttt	cacaaacagt	actgtctcta	caaggcattc	300
agatacaagg	agcctcaagt	atctcctacc	tgataagtca	tgtaacaggg	ctgcactcca	360
tatgggggtca	tttataatgt	acatgatttt	atttgtatat	tactactgat	catgtaccag	420
ggaactcatt	ctcagaaccc	agtttttggt	ggaawacaaa	aagtgcata	tatgactcaa	480
gtgcaaaara	aatcctccaa	ttttatttct	gtaaggacag	gctgggcctg	atgcacacag	540
gtccctcccc	gaactagtaa	ggcaaratgc	agcta			575

```

<210> 90
<211> 449
<212> DNA
<213> Murine

```

<400> 90						
ggaattcttt	tttttttttt	tttttttttt	tttttagaac	aactcagcaa	aataaaattc	60
cgggttatgt	ttggacattg	tttcacacat	acatcaaaaca	ggccaaaaaa	aaataaacag	120
caacttcata	gacagaaaga	aaaggaaaaa	aaaaatcttt	ttatctttgg	ctcttttaac	180
ctctctcata	aaaccaacta	cttatagtag	agctaggtac	atacacaaaa	gttactggaa	240
tgctcggaat	aagattgttt	ttttgttggt	gtttttgctt	ttttttacaa	gggttttttt	300
ttctcctttg	agattataat	gaacatggct	acaccacaag	taaaagtctg	agtaggacag	360
aaaackctct	gaaggctggt	ttggtcacc	gttatcatta	aaaatggctg	gacccttaac	420
aatatgttac	aaaaatttaa	aatgttaatt				449

```

<210> 91
<211> 487
<212> DNA
<213> Murine

```

<400> 91						
ggaattcttt	tatcataaaa	gtgttgacgt	ttatttatta	tagcaccatt	gagacatttt	60
gaagttggaa	ttggtaaaaa	aataaaaaca	aagcattttg	ctgtattggg	gtgggttgaaa	120
cagcaaaaaa	ttgtattcct	tttttgtcaa	attatgcttt	ttccaaaagt	ttggaaataa	180
ataactggaa	tttagttggt	cacttgcaat	ggttgataag	attaaaaaaa	gatgaacaca	240
tggaatgggt	ttttgttttg	ctgggggttc	agagagtttd	gcttataaaa	agcaaacagg	300
kecaatgtcc	acaccaaatt	cttgatcagg	accaccaatg	tcatagggtg	cgatatctat	360

gatgggtagt	ctcattdcct	tgcgtgtttg	atattcaaa	actgtcttdc	dccattcccc	420
agtggtgtaa	gtacagccat	tctctagaa	ctgtgtaagt	gaatttdctg	tttccctcca	480
gccttga						487

```

<210> 92
<211> 399
<212> DNA
<213> Murine

<220>
<221> misc_feature
<222> (1)...(399)
<223> n = A,T,C or G

```

<400> 92						
ggaattccag	atcagctcca	accgcgngct	ggcagccatc	tttgaaagta	tccagaaaga	60
ttctctgctc	accaacttgg	aatcaaatgga	cacgagttag	atgtgtgctc	cccgtgagga	120
ccattccatg	tgaccgcaca	atgcactgaa	cgacaggttg	accacagcca	cgggagagaa	180
gtgtccagag	cttcacgatg	ttccacttta	ctttccttcc	cgggaaagtt	gtttggcttt	240
cttccattgt	tggtttttgta	gctttttwctt	cagaagtctg	tatttccata	agccagaggt	300
tgtaaagcca	ctgatgtttt	tagtggttag	ggcaacattt	gaaatgggaa	cttaadnct	360
tggatttatg	aaatgtggaa	ataggggtcca	gtatctgtt			399

```

<210> 93
<211> 343
<212> DNA
<213> Murine

```

<400> 93						
gaattcccg	gatttcatga	ttaaaaagga	aacatggtg	tattaaccca	cttggcaggt	60
gtcaaatcct	catgaccagc	ttaagacaga	tctagacgg	aaagggaggt	gcagcccaag	120
tcagggtctt	ggggtgcaca	gggagccagt	aaggaggaga	cogtctgggt	ttcttcccag	180
atgttaacat	cttcttggct	cttactcact	cccacccttc	ctcgtaaaca	aatcaaggcg	240
agccctctaa	ggctggagat	agcccgatcc	agctcagatt	taataactcta	gcccttcccc	300
ttgtgttatt	ttthmcmagc	tgcccttctgc	ctccaacata	tga		343

```

<210> 94
<211> 203
<212> DNA
<213> Murine

```

<400> 94						
gaattcgaa	aggccaat	tsaaggactt	cgagaact	taagagc	agagcttsc	60
cagccgtgag	cctcccat	gtggcccagg	ccatgtgt	gtgtgtgt	gtatgtgt	120
cttgagtctc	gggtctct	gcataatgt	gtttatrac	ctatgtctg	ccctgagtc	180
ctgtccagtc	aatgtsct	atga				203

```

<210> 95
<211> 441
<212> DNA
<213> Murine

```

<400> 95						
gaattccctc	ctcccgag	tgacaagcca	agccgcagc	tagcttcate	accaaactgc	60
tctcgtccca	ccatcttg	gaaccccttc	agcttccaca	ccacatctgt	atggctcctt	120

cttcttagct	tctctccacg	aaccgcactc	tttctgtggc	tatcttcacc	atgcactget	180
gctgchggct	cctcagtcct	tcttagcttc	accaaaactgg	cttcgggaact	cctgtctgcc	240
gctcctgtct	tcttagttca	ctgaatgcac	ttctgtgtag	acctgggtca	gctgccaatg	300
ctagtctgtta	ggatttttaa	agcacctcag	ctcaagtcca	atgcaaaatg	ctgacaatct	360
tgaaaactgtt	atcaaaagtc	cttttgtcat	caagcaaaat	taagctacaa	gttaaggctt	420
ttaatatctt	ctaaactctta	a				441

<210> 96
 <211> 390
 <212> DNA
 <213> Murine

 <220>
 <221> misc_feature
 <222> (1)...(390)
 <223> n = A,T,C or G

<400> 96						
gaattcttga	agtgtgagcg	tctctggagc	agattttttc	cggggccggt	ctttgggaat	60
ggacagaaat	tctggcgcat	ctgtggagag	aggggtggat	ggggcgctgg	agggggcgct	120
gcgcacogag	gaaggcagta	ggcgatgct	ggagatagaa	atggcccggtg	ggaaaahgcc	180
aatctctctg	ttgggtgctt	cctgagtgcc	tctttcgaa	tcttcgacct	catccattgt	240
catgtcttca	aagggaagag	cggagaaaag	aatagttact	gttcggacbg	gcaaatgggt	300
twnhhnncct	aaatctgggg	acactaccat	gaagctgatg	cctacccaat	cacaaacttg	360
acatgtcttt	gaaatattag	acctcattt				390

<210> 97
 <211> 426
 <212> DNA
 <213> Murine

<400> 97						
ggaattcttc	ggtcatcact	gggaagagag	gcccctttgt	cttaaaattt	ttatatgcc	60
cagtacaggg	gaaggacagg	gccaagaagt	gggagcagca	tggggggggg	tgattttcgg	120
gatagcattt	gaaatgtaaa	tgaaaaaata	tctaataaat	tttttaaaaa	gccagatggt	180
aaaatgtgac	aataaataaa	taaacacaac	aacaaataaa	tgttttacaa	cctaataaatt	240
ttaaaagaaa	aatgaaaagt	ggagatgagg	gccccaat	acctaat	actgctgcat	300
cctattggaa	aataagtaac	aaaaactgtg	aaattgttgc	atgttttctt	ggtatttgtt	360
ttaatgaata	gtttctaaac	dcagaaatcc	ttgtggaggc	agcgacagat	aatgcattga	420
tcatca						426

<210> 98
 <211> 385
 <212> DNA
 <213> Murine

<220>
 <221> misc_feature
 <222> (1)...(385)
 <223> n = A,T,C or G

<400> 98						
tctgagacaa	ggtcttagtg	tacacggcct	gcatgaacct	gcctcctgct	taaagaaatc	60
ctcttacctc	tgctcccaa	acgctgggat	tacaggaaca	tgccaccaga	tacagccaaa	120
atcattacot	tttctttctt	cttttcagta	ccagggtcct	acacatgcta	ggcaaaactct	180

cgaataactag	ctacacccac	agctcagcga	cacaagctcg	tctctgtgct	ttgagtctac	240
agtgaagtgt	gactcaactg	aaatgtttac	ctgtgtgatg	ctgtaaacat	gtctgagtcc	300
agaaggtttt	cagtcacatc	taactgcagc	acctctggca	tnyngtctga	cttttctaca	360
ccttcttctg	gaagtctctc	tatat				385

<210> 99
 <211> 299
 <212> DNA
 <213> Murine

ggcggtaggc	gagcagcgcc	tgectgaagc	tgccggcatt	cccgatcaga	aatgagcgcc	60
agtgcgtcgc	ggctctcgcc	accgaatgcg	tatgattctc	cggcagcatg	gcttcggcca	120
gtgcgtcgag	cagcgcccg	ttgttctctga	agtgccagta	aagcgccggc	tgctgaaccc	180
ccaacgcgtc	cgccagtttg	cgtgtcgtca	gaccgtctac	scgacctcgt	tcaacaggtc	240
caggggcgca	cggatcactg	tattcggtcg	caacttttgt	caatgccttg	acacttttta	299

<210> 100
 <211> 390
 <212> DNA
 <213> Murine

gaattctttt	tttttggtaa	tatctgaaat	gatgttttga	aacttctttt	gtctctgcct	60
cacccccaac	ctactccctc	ctccaaatca	caaatagagg	aatctggaaa	ccaaggaaaa	120
taccaaattc	agatttcttt	tgaagacctc	gaacctttta	agatgactcc	tttcagtgct	180
attggtttgg	agctctggtc	catgacatcc	gacatctttt	tttgacaact	ttatcattak	240
tggtgaccga	agagtgtgtg	atgattgggc	caatgatggg	tgggggcctg	aagaaagctg	300
ctgatggggc	tgctgaggtt	aktgattgtt	cattaattgt	ggattttwat	ccactttttg	360
gggggagact	gattactttt	taaaaagcag				390

<210> 101
 <211> 389
 <212> DNA
 <213> Murine

<220>
 <221> misc_feature
 <222> (1)...(389)
 <223> n = A,T,C or G

ggaattcgct	agtgagtgtt	gactcatcca	aataccaagt	gctctgggtc	gaagctgagc	60
gccctgctgt	agggtcogga	gccccacaca	ctgtgttgat	ggctgtggac	tgggaggaaa	120
ggagctcgct	tagaagacgc	tgggctgtgg	ggagaatctg	ctgagggaagc	tcactgataa	180
ggtaactgagc	aaatttttga	agctgggtccc	tttgtagccg	agacaggagc	cttgagactg	240
gagcccgacg	gcagactgca	gatgcgttgt	gaatgcggaa	gaggcgagct	gccaccgacat	300
gggtgcacca	tttggccccc	gccccacagg	tacagctaca	agaagtgacc	cggcagengt	360
caaacatcac	agctacattg	tagggcccc				389

<210> 102
 <211> 344
 <212> DNA
 <213> Murine

<400> 102
ggaattccag atactctggcc agcctccctta gtggcctgtc gctgtgaatc attgaaataa 60
gcaggagactg tgatcacagc atttttttct gtgtggccca agtaattttc tgcagtctct 120
ttcatcttca tcaacacaaa tgcctcaatc tgacttggag aatagagtgt tccatgagcc 180
tcaacccaag catcaccatt ggagcgcacg gcacaatttt aaaaggacac atctcttagt 240
gtcttctctg tcactctcag gggctcaacta tactcgtctg ctccaataag cacgcttagt 300
acgcattagaa ggtattgttt ggattggtsa cagcttcccg tttt 344

<210> 103
<211> 354
<212> DNA
<213> Murine
<220>
<221> misc_feature
<222> (1)...(354)
<223> n = A,T,C or G

<400> 103
ggaattctat ttgtaacccc ctaattttgta accctgtaac ccaggggaggt tagacaacac 60
tcattccctg gtgtcttttg tctcactgat cagtcagaac ccagcctgaa agcagttgtga 120
ggagtgtttt ctaagccctg ggcagcagag gcaggattag gagttcaaaag caagtcttaa 180
ctacatggca taaagaaagt aggagctaca ggagatgttt ctctaaacag acagatatga 240
aatctcttta aaaaacaggga atgaaattct taattttggg gagcaatatt ggagaactgw 300
tncacttaag agatcaccca tgtgatagtg aaaaatgaaa ttttaaatct caat 354

<210> 104
<211> 387
<212> DNA
<213> Murine

<400> 104
ggaattcggc tgaggctgca atgtgaggtt agatgtggag tcacgtgtgt caggttttct 60
attaagagga ttggcagtga aattgccttc caaagaactc tgcagtggga tgtggcacia 120
ttctgagagt tgactctgat gcattcttctc aggtttttta cagtatttga ttataaacat 180
atggatattc aattgagaca atttttattt ttctccctgg gtaggagaag ccaactaagta 240
aaggggcaag tgggcttgcc tgctctctct gtccagttct acattagtc agtctgcaca 300
gtgtcccatg ctgctctgtaa wcacaaattg tgggtcttgg gtttaagagtc atgtgttttc 360
cagaccttga actctctact gaggcaga 387

<210> 105
<211> 269
<212> DNA
<213> Murine

<220>
<221> misc_feature
<222> (1)...(269)
<223> n = A,T,C or G

<400> 105
ggaattcccc ggctcgagen ngccgctttt tttttttttt tttttttttt accatgcaac 60
aaaaccttta ttaacttttt ttaacagagg ttcagctatt attgaaactt gtaatttcta 120
aacttaaaat ggggcaagtg gctagagtgc agagttaatgc catcactgcc cactgggaat 180
gcagaccgaa taattaatag ccanncnnc agacggagag accaggtgca aggtcgactc 240

cttctnrgaw ggttgtaac agagagagt

269

<210> 106
<211> 464
<212> DNA
<213> Murine

<400> 106

ggaattccca	gaggggggat	ctcatcagga	aggcgatgag	gatgcctcgc	gcattggaaga	60
ggtggattaa	agcctcctgg	aagaagccct	gccctctgta	tagtatcccc	gtggctcccc	120
cagcagccct	gacccacctg	gctctctgct	catgtctaca	agaatcttct	atcctgtcct	180
gtgccttaag	gcaggaagat	ccctccccc	agaatagcag	ggttgggtgt	tatgtattgt	240
ggtttttttt	ttgtttttaw	ttgtttctaa	aattaaaagt	atgcaaaaata	aagaagatgc	300
agttttatag	aattccacca	cactggcggc	cgctcgagca	tgcatctaga	gggccaath	360
cgccctatag	tgagtcgtat	tacaattcac	tggccgtcgt	tttacaacct	cgtgactggg	420
aaaacctkgc	gttaccacaac	ttawcgccct	tcgagcacat	cccc		464

<210> 107
<211> 328
<212> DNA
<213> Murine

<400> 107

gaattccgga	atggcatgat	actgaagccc	cacttcacca	aggattggca	gcagcgagtgc	60
gacacttggt	tcacaccagcc	ggcgcgcaag	atccgcaggc	gcaaggcccg	gctggcgaaa	120
gckcgtcgca	tcgcccctcg	cccgccgtcc	ggccccatca	ggcccatcgt	gaggtgccct	180
acagtgagat	accacaccaa	ggtccggkct	ggcaggggct	tcagcctgga	ggagctcagg	240
gtggctggca	tcaccaagaa	agtggtctgc	accatcgcca	tctctgtgga	cccagagwdg	300
cgaaaacaagt	ccacggatgc	actgcagg				328

<210> 108
<211> 526
<212> DNA
<213> Murine

<220>

<221> misc_feature

<222> (1)...(526)

<223> n = A,T,C or G

<400> 108

ggaattccgg	atctcttctg	tggtcccaact	actcaagcac	cgagtgccgt	tctatggcgt	60
ccgcctcggc	tcagcccgcg	gccctgagcg	cggagcaggc	caaggtggct	ctggcgagg	120
tgattcaagc	gtctcgggcc	ccagagaatg	ccgtgcgcct	ggacgaggct	agagacaatg	180
cgtgcaacga	tatgggcaag	atgctgcaat	ttgtgctgcc	cgtagccaca	catatccaac	240
aagaggttat	taaagcctat	ggcttcagct	gcgacgggga	aggtgtcctt	aagtttgccc	300
gcctggtcaa	gtcttatgaa	gccaggatc	ccgagattgc	cagcctgtca	ggcaagctga	360
aggccctgtt	ctgcccaccc	atgacactgc	cgccccatgg	ggctkctctt	tggaagcaag	420
tbngcagcc	tyetgagatt	bgttctcgta	tgtgtkctgt	cctgctgttg	gargccggcc	480
cttggtgtcc	agaggrtaat	aaatgtacht	gtgactcaaa	aaaaaa		526

<210> 109
<211> 598
<212> DNA
<213> Murine

```

<400> 109
gaattctaac tatctaaaaa tatgaatgga taaccaaagt attccaaacg tggctattct 60
gatccaccgt ttgtttttct cttaaaaaaa aaaaaagtat gtacagaaat tgtataaaag 120
actttgtgaa ttcaatgaga gttagcttcc agttctcaca tcccaaatgc tgggtttaca 180
gttttggctc ctttgcatat ttgcctgtag aattaagact cataattttt gcoctgtctaa 240
cagaacacac tttaaattat gaaaagccct caacatatac caaagtaaaa gacagcattt 300
tgaaattagc caaggccaac atgattctgc tctctggaac cagtgtactc tagtgaattt 360
gggtgctgtg gtgagtgaga aacgacaatg ggaaatgtct actgtttgac ttttgaatc 420
agattttatc agtgggtggc ggacttgggg atgggttcaa tccaccattg yctggcacat 480
gttaattact aggtaaaggt caaatacaat kthagaccta aagccacagc agggagatgc 540
aaaacgttca attccaaaga gaacagttw gwgttcaaca acatgggact ttwcttag 598

```

<210> 110

<211> 474

<212> DNA

<213> Murine

<220>

<221> misc_feature

<222> (1)...(474)

<223> n = A,T,C or G

```

<400> 110
gaattcgga tgggtggcgt gtgcctgtga gcttccgaag ttaatggatt gttctggctg 60
tgacgacagc gatgacgggt tcaggcgact ccagccaaaa gctttgcaaa gtgctctgag 120
tcacagtact ctgatgctga ggcaggaggg ctcccagttt gagtcaagcta gggctcaaac 180
caacccaaaa aagcctgccca agtgaaaaaa gacactttcc agagctgttg caaggtgcag 240
ctggcagcac agcacagctc agcccatacc agcccagaag gagcagcgcc acccacaggc 300
gcaggagaga agtaggaaag ctgcaggggg caggcagctt tccctgggac aaagaaaagg 360
aacatttggt ctctcagctg ctgctctctt agatccaaat acacagtaac ccttctgctg 420
gtttttgttt tgaattaaag aatattaaag tttgggggaa ttcaccacac tgrc 474

```

<210> 111

<211> 409

<212> DNA

<213> Murine

```

<400> 111
gaattgctca ataagggtata ggctacaccc ttctcaccag ctcttctctg ccggccaatc 60
ctgtgagtgt gcgtatcaat gtcccgtgct acatcatagt taatgactgt cttaatggaa 120
ggaatatcca gaccacggcg tgcaacatca gtggccacca ggacggggat gtcttttttc 180
ttaaaatctg aaataacett gtttctttcg ctctgatcca tgctcccatg gagcagacca 240
agattatgac cctcctgctt caggttactg gctagctott cagcattggc tttcttagta 300
acaacaaga gcacactccc cgaggaagta aactccacca gacgccgagt cagccagttc 360
catttactgt gtccggaatg gagaatytc acaatctgtg tcacatytt 409

```

<210> 112

<211> 331

<212> DNA

<213> Murine

<220>

<221> misc_feature

<222> (1)...(331)

<223> n = A,T,C or G

```

<400> 112
ggtgacacta tagaatactc aagctatgca tcaagcttgg taccgagctc ggatccacta 60
gtaacggcgc ccagtgtggt gaattccccc gctcgagcng ccgatttttt tttttttttt 120
ttttttccaa cttaaaggct ttatttgaca caaaatacaa tatggctgcy ggaacaccaa 180
actccaaaaa caaagggaacb aaaaaaggac catggttcta tctaagtgtat aattaacagg 240
aagtcactag acgagtaaca gatgggtacn cttgvcggga aagtcctttc taatkccact 300
acttctgcaa ctccactct ctgttgtcca a 331

```

```

<210> 113
<211> 373
<212> DNA
<213> Murine

```

```

<220>
<221> misc_feature
<222> (1)...(373)
<223> n = A,T,C or G

```

```

<400> 113
ggaattcggt ttggaataac tggtaacaaa aaatcaaaag atgtctgggg ggtgggggga 60
gactgcctgg cagtacaggg tggggggagaa actccataca acaagacagt gcaaatcagc 120
aggaaactgc atgtgtgcac tccagacagc caatccagga gcattgctgtg cattctggaa 180
ccctccagat gagtgcagaw wtdtggcaat gccccatgca ttcaccttta atgcaactgc 240
accagcccta ctgtgagtga tgtgatctcc ctttaaaac caccaccat catcactgat 300
tcaattatnn yygcaagttg tatcttcaag gacggaagcy ctgaagtgcac cattcacnad 360
cttataattt ata 373

```

```

<210> 114
<211> 312
<212> DNA
<213> Murine

```

```

<220>
<221> misc_feature
<222> (1)...(312)
<223> n = A,T,C or G

```

```

<400> 114
ggaattcgct tacagcaacc aaagagataa caacagtagg gtctgaaatt tcaagggctc 60
tgggggtcca ggccagtatc attcacagaa ggggatgggg agggaggctc cagaggctgc 120
caggctaaagg ctatacagaa ggbccctccat gaaaagaagc tttatgaagt ttctccagaa 180
actcaaaty tggagatattt ttaaaatnnc tcaggctgtc ccagcagaga atnctgtgta 240
ttatkcctga gaacaaaagg rgacaggcct ctcctgtgtg gggagctgta catkcyctca 300
caggtktgtc tt 312

```

```

<210> 115
<211> 279
<212> DNA
<213> Murine

```

```

<220>
<221> misc_feature
<222> (1)...(279)
<223> n = A,T,C or G

```

```

<400> 115
ggaattccag ccctacatca agagagcgc agccaccaag cttgcttcag ctgaaaaact 60
catgtatttn nmmctgacc agctgggact ggagcaagac tttgagcaga aacagatgcc 120
anahnggaag chgctgggtt acrgttnmt tctgggcatt gatgttagca ggggcatnna 180
hchggaacht cgatgatcag ctcaaatctt tctccaatct ctacaatnan cttgcaaaan 240
cnaaaannc tagtggtagt notgactaag tgtgatgag 279

```

```

<210> 116
<211> 380
<212> DNA
<213> Murine

<220>
<221> misc_feature
<222> (1)...(380)
<223> n = A,T,C or G

```

```

<400> 116
ggtgacacta tagaatactc aagctatgca tcaagcttgg taaccagctc ggatccacta 60
gtaacggcgc ccagtggtgt ggaattcggg taagcacact agcaaaaaaa anaaaaaaa 120
aaaaaaaay ncaaacaaaa gagtcttaga ggaagaatga agaaaacata caatactttc 180
aatttgaaga cagatgcaca atactttaac atatgccaaa gattaaggag aaaagattac 240
aaaattatat cactgcgaat tttgtgtctg tgacaaatta aaagcagttc ataccagaaa 300
cacacacagg tgcagaccgg tgagcacaca ggcaccatgc attgacagtg atgttgattc 360
tttaaagtaa tgagcctgtg

```

```

<210> 117
<211> 558
<212> DNA
<213> Murine

```

```

<400> 117
ggaattcgtc actgagtcct ctcttcactc acattgtcta ccagccacta tgaagcctcg 60
agcccgctac tgtcaactat ccaggaggat tatccacct tgttacctca cctctaaaag 120
cagataacag cctgctgctt gtttttgtaa ataaagtact attcaaacag ccacacatac 180
tcaatttagc tattgtcggt gattgctcac agacaagaca agttgttgag acagacaagt 240
gtggtcacaa agcctaaaag tatttactat ttggcaactat agaaaaaatg agaccgctgg 300
ctttattttg agaatgagaa gccgttcgct aacagggatg atgatgatga gtgtgaggaa 360
ggaataaact ccaacmgttg tgacagctta ttttatagaa aaccgtccca gcaaatttat 420
wgtcactgtc cattcattaa cvgtcggtca tgttcatggt ccagtagca ggtcatctgt 480
caataaactc ctgatacca gagctgttyc cagtyccact chaactttag cactactgtt 540
tacctagccc ctaccctt

```

```

<210> 118
<211> 364
<212> DNA
<213> Murine

```

```

<400> 118
ggaattccaa ttcagaaaaa aaattcagac tgaatgact aatcccatat ctcataaacc 60
cttcaaccag taacaccccc ccccaaaacc cattgtcttc agtgtgtcag ctcaactaac 120
taatgatcag atcaatctat gaactccaca acaaaatagc tactgagcag ccttctctga 180
gaagtaataa tctcagattt tgggaaccag tgcccgaagac agaattgctta ctgtctagaa 240
gtttcacttt ccttatgagg ggggtgagaa ccaagatgac tattaatgtg tgatgtgatc 300
cmataaaage tgtkgggaaa tcaggttttg agggggggaa tagttgtgca aaaaaaaaaa 360

```

<210> 119
 <211> 518
 <212> DNA
 <213> Murine

<400> 119

ggaattcgca	gatttctttt	ggacagtgat	gggaagagtc	tcatctgtaa	agtgaaccta	60
tcaaagatca	atagcaaaagt	cctgaagagt	ggtcagctgg	aggatacatg	tctggttagag	120
ctctcactgg	ccctggacct	gcgcctacag	gtcagcgtca	gcagttggca	tctgacggct	180
gtcactgtgtg	atgtgtggac	actccatgct	gagctgcatg	aaggtctctt	ccatagtcag	240
ctactgtgtc	atgccccagg	cgggatttcc	aaatcagttt	cttgttcaga	tttgactgag	300
aaactttgtg	aaaccaactct	gcctgggccc	atacctcctc	cagcggctgc	cagaccaagt	360
caagggtgaag	atggagaaca	cmagtgtgtg	tggtgtctat	gaacagtcac	aaacbgcact	420
tgacttkgac	actgaagctg	ctgcawtttc	ctgtaccacc	gtgatgagga	ccaactgccg	480
cttcgaagcy	tcacagcaaa	ctatgatatb	gcacacga			518

<210> 120
 <211> 518
 <212> DNA
 <213> Murine

<220>

<221> misc_feature
 <222> (1)...(518)
 <223> n = A,T,C or G

<400> 120

ggaattccca	gggtgcaatt	ggtagtccag	gacctgcagg	tcccagagga	ccagttggac	60
cacatggacc	tctctgaaaa	gatggaacaa	gtgggcatcc	aggctctatt	ggaccaccag	120
gtcctagagg	aaacagagggt	gaaagaggat	ctgagggctc	gccaggccac	cctggacagc	180
caggaccccc	tggaccccct	ggtgcccctg	gtcccctgct	tggtgggtgt	gctgctgcca	240
ttgtctggagt	tggaggtgaa	aagtctgggt	gcttttcacc	ctattatgga	gacgatccaa	300
tggatttcaa	gatcaaacct	gaagagatta	tgtcttcaact	caagctctgt	aatkgaacaa	360
tagagagtct	tataagccct	gatkgktctc	gaaaaaaccc	tkctcgggaa	ctgcagagac	420
ctaaaaattc	ttbcacccc	ndctctagag	tggagaatac	tgngtgcac	ctaaccaagg	480
ctgtcgcagat	tggattgcta	taaaagtatt	ctgtgaca			518

<210> 121
 <211> 555
 <212> DNA
 <213> Murine

<400> 121

ggaattcttc	tgtatagccc	tggtgtctct	ggagctcact	ttgtagacca	ggctggccctc	60
gaactcagaa	atccgcctgc	cactgcctcc	caagtgcggg	gactaaagcc	gtgtgcccacc	120
acgtccagcc	ttgtttgtct	atcagttcta	cagcactcaa	agataacctt	ttgaaatcaa	180
tttgctattt	gggtgacaca	attcaatctt	cattcagcaa	ctgcaaacca	attgagttct	240
tcatgccaac	tcagaataac	atgattacta	gctttttaca	gctgagcctc	tctacagctg	300
ctggcacaata	tggggcacag	gggaggaggt	gatttttaaa	cctgcacatc	aaacttatct	360
agctctwamca	gtagtccagag	ggaataatata	ttgagaacag	ggtaaaacca	gcttttgcca	420
catttaagttc	atgtttagctg	agaaaattta	aaatcacmaa	catcaaatct	cagctctactg	480
tgcaaaawtat	aaagccgaat	tttaccattt	atactcagtt	cttttggakt	caatctcagc	540
aacatttact	ataata					555

<210> 122
 <211> 270
 <212> DNA
 <213> Murine

<220>
 <221> misc_feature
 <222> (1)...(270)
 <223> n = A,T,C or G

<400> 122
 ggaattcggc gcottgggac catttccatc tggttctkct gagacgcgtn tngctccctc 60
 cccgcaacag ccaaaatggt gaagctgac gagagcaagg aagcttttca ggnnnvhcct 120
 ggnccgncgc ggagacaagc ttgtcgtggt ggactttctn nctacgtggt gtggacctan 180
 cnaaatgac aagcccttct tccatnccct ctgtgacaag tattccaatg tgggtgttct 240
 tgaagtggat kgtgatgact gcbrrggatg 270

<210> 123
 <211> 186
 <212> DNA
 <213> Murine

<400> 123
 ggaattcgtg acttgtccag agtctcagcg ctgataaagg agaagctgaa agtcctcatc 60
 tcacagcagct tkgcctgctt cyagagctcg ggttcttgaa actgggaaag gaaatttccct 120
 tctgaccaga agagtggaaa ggaatctgt ttgaactgga cagagtgggc aggggtkggag 180
 aggaga 186

<210> 124
 <211> 452
 <212> DNA
 <213> Murine

<220>
 <221> misc_feature
 <222> (1)...(452)
 <223> n = A,T,C or G

<400> 124
 ggaatcgagc ccacggctcc acaggtcgca gcgcttgctg tagatgctgg cctcttccact 60
 gaaggctctc accacctctg gnbccatgta ctacagctgac ccacacgggg tgagcagctc 120
 tgggtgggag atgggggagc agtctccatt gagtttgata ccactgccaa ggtcgaaagtc 180
 gcagatcttc actggcgaga cctgggttggg gtgctccatc aggatgttct ctggcttttag 240
 gtccctgtnq gcgatgcctt tgttatgcag gaagtccagg gsactggcca cgtcctgtac 300
 taccacbbbg gscctccagcn cgttaaaagt gcgccttcta tggatgtggc ttaggatgga 360
 tccgccacgc atcttctcaa acaccaggta gaaacggtcc tccctcctcaa agadctcaat 420
 cagttctaga acattccyat gtccccccgc ac 452

<210> 125
 <211> 279
 <212> DNA
 <213> Murine

<400> 125
 ggaattccaa cgaacgcttt gccacactct gcacagacgt ggactctggg accgtgggtg 60

tgcagatgct	ttctcatagc	agagttatcc	ctgaacatct	ttgtgcagcc	tttatgaggg	120
caagctaatt	gttcttggag	catcatcttc	tttaattttt	cttgggtcca	ttctggcaaa	180
ttctgccagt	bbcttagggg	ctgagaggtc	aattggccag	gtatccctyc	caggdgggag	240
ttctttbect	gtcatatatt	ccagaatwat	caggaggtg			279

```

<210> 126
<211> 236
<212> DNA
<213> Murine

<220>
<221> misc_feature
<222> (1)...(236)
<223> n = A,T,C or G

```

ggaattcgaa	cgyyggcagt	aaagcagtcg	ctgctggaca	aggtctgacc	cccaccactg	60
gcccaccbbs	ttctaccaca	aggacttbnc	ctctgaaggc	cagtggtctac	aggtggtagc	120
aggtgggctg	cycctaccgc	tcctgggnntc	ccccctccca	scctcccttc	tcagtcctca	180
atybgctctc	cccaccctcn	ccccaabcat	tbcttcatcc	ataagtbggg	cccttg	236

```

<210> 127
<211> 362
<212> DNA
<213> Murine

<220>
<221> misc_feature
<222> (1)...(362)
<223> n = A,T,C or G

```

ggaattcaga	acctggcgga	cgaggagccc	tgggcagttg	gtatgggcag	tacaggaacc	60
atttcgactg	tctggtcacc	aagtttaaga	gcaatcta	gaagtggggg	acactgtaag	120
ctaactgaag	atgaatgtgt	gkggctttt	wctcaacaac	cattccctca	gagttctaata	180
taaaagtaga	tttcaatttg	tgggtaattc	gaagctgggt	atttctagtg	cctttggtaa	240
taatcaataa	cncagcagtt	gcgtggcaga	kkgatccmcg	catggatata	tacaaatatt	300
aaattagcat	aattttttta	ctttttgtac	aaatatacat	gcttttttnc	ttttttctcat	360
ct						362

```

<210> 128
<211> 315
<212> DNA
<213> Murine

<220>
<221> misc_feature
<222> (1)...(315)
<223> n = A,T,C or G

```

ggaattcttt	tttttttttt	gttttgtttt	gttttgtttt	gttttgtttt	tgctttaatc	60
ataatcagcc	cagagcattt	tttgtaaca	atgcctctgt	tttcatgaaa	gttcaataaca	120
tcagggtttt	taaaaaaaat	taactaaggt	gcttttagag	ttgaatctgt	gagttaccgt	180
cagcacacta	gtgggctaag	agtgagcagg	gtgttttcag	agaaacaakc	kkcyccccc	240

nnncacaact tatcttttaa acttagaagt aacctgttgt hccccagcct gcyetttgtc 300
acctgagtkc ccaga 315

<210> 129
<211> 251
<212> DNA
<213> Murine

<400> 129
ggaattcaat agatatttgc tagacttacc aattcaaaawg ttttgttctt cctaggttgt 60
cagggaagta tcactactac ycttcagttc agaattgotg aagtaactga ttgtytgatg 120
atttgtgaac atgatcttaa ctatgtgact aaaatatacag atcattacaa tactctctaa 180
ttgatggata catgttgaat atcagtgatg wctttgatgt ttttwattac ttkacycttt 240
ttttaaacct a 251

<210> 130
<211> 338
<212> DNA
<213> Murine

<220>
<221> misc_feature
<222> (1)...(338)
<223> n = A,T,C or G

<400> 130
gaattccgag cggggagcgc cggggagggg gccgggagca gggcagctcg ggagaccgga 60
cggtagcggc ggccggcgcg gcgggctcgg cgcctctctc tctgcaagcc atgtttgcaa 120
aaggcaaaag ctcggcggtg ccctcggacg ggcaggtcgc ggaaaagtta gctttatcac 180
tctacgaata ttactgcac gtaggagcac agaaatctgc acagaccttc ttatcagaga 240
ttcgatggga aaaaaacatc acaactgggtg aaconoctgg gttcctgcac tcgtggtggt 300
gtgtattttg ggacctttac tgtgcagctc ctgaaagg 338

<210> 131
<211> 94
<212> DNA
<213> Murine

<400> 131
ggaattcaac agaatacaag aaatggaaga gagaatmtaa rgtgcagaag attccataga 60
gaacatcgac acaacagtca aagaaaatwc aaaa 94

<210> 132
<211> 323
<212> DNA
<213> Murine

<220>
<221> misc_feature
<222> (1)...(323)
<223> n = A,T,C or G

<400> 132
gaattcgaaa aaggaaacgg aaaaattcta ctccggggtc agattttgac actaaaaadg 60
gaaaatcawc agaaacctct attatctcta aaaagaaahn ccagaactwc tcagagtyhh 120

ctaactatga	ctcagagtta	gagagagaga	taaaaacccat	gagcagaatt	kgggctgcca	180
gaaaaagtgt	tccagagaaa	aaagaagagg	actcttctga	agatgaaaaa	cagggcaaaa	240
aagtagtgga	taatggaggg	catgagaggg	cgaagacmac	mcmagaaggg	tcctctgctg	300
atgacactkg	tgacactgaa	ggc				323

<210> 133
 <211> 402
 <212> DNA
 <213> Murine

 <220>
 <221> misc_feature
 <222> (1)...(402)
 <223> n = A,T,C or G

<400> 133	
gaattctgtg	caaacaggta
tctccccaca	cgtacacccc
ttcatggcat	gagccatcct
ggtwccacta	acatatcatc
ttgatcatct	cttgatgtgt
acagcagctt	tagatggggt
catgaaaaga	ggagtgcact
	ggtctttwtt
	cagcttctta
	ga
	60
	120
	180
	240
	300
	360
	402

<210> 134
 <211> 203
 <212> DNA
 <213> Murine

<400> 134	
gaattcgtga	tcataaagcc
ctctccacc	cgggagtcac
caaggaaaca	ctgctctgtt
agcgtgcgca	ttctctggcc
	cac
	60
	120
	180
	203

<210> 135
 <211> 87
 <212> DNA
 <213> Murine

<220>
 <221> misc_feature
 <222> (1)...(87)
 <223> n = A,T,C or G

<400> 135	
ggaattcgtg	atcatgaagc
tctccacccc	nnnagtcatt
	thoctgt
	60
	87

<210> 136
 <211> 342
 <212> DNA
 <213> Murine

<400> 136

ggaattcggg	agctccgccc	cggttaaggg	ggccagcctc	ctggggcctg	cacccatcct	60
gtacaagata	ctgcccagag	ggttccctca	aggcctgggc	agttcaaaac	gccacactgg	120
acagacaata	aataatgcag	ctgtctctctg	gacagcctcc	tgtgacctat	ctcgttttcga	180
gccactcgag	tttcggccag	cttgcctttgt	tcagaatgcc	aagccccggc	tgggtttctg	240
gccacgtggg	tactatggtc	ccactgaggg	ccagtctgag	cctgcctaam	aaaggctaag	300
taaggkggct	atcctgaaga	gaawgcccta	cttactttga	aa		342

<210> 137

<211> 341

<212> DNA

<213> Murine

<400> 137

tgaattcggc	caaacgactc	ctgctgggtc	caaccccgta	ctgcgggggg	caactagctt	60
ttaaaccgct	tcttggggcg	tcagctacca	agtgccctga	gacctgggtg	atgcagcgga	120
ggggcaagct	gcttggggca	cttacgtggt	agtgccctac	cacgggggaca	taggggctgg	180
agcggcagaa	ttcgtttata	ctgggttggga	gggtgggagt	atccactgtg	gctagttcac	240
accctgcttc	ccctccccaa	caagcacaa	gggtgtgagc	ctcaacccta	aacaggcaag	300
trtatratcg	ttttactctg	ggcacacctg	awtatgggtt	t		341

<210> 138

<211> 350

<212> DNA

<213> Murine

<400> 138

ggaattcggg	gcggcgccgt	tttttttttt	ttttttttta	aatctcagta	ttattttaatg	60
agaacgcccc	accctgcca	gtacaggggtg	ccccgcactc	gctactcacc	caccatgtta	120
aggaaaagca	ccaggaaagta	cagaggggtcc	tcattggctgc	tctccagagt	tataatttaa	180
aggtattttc	ccatggtaaa	actacaatat	ttacatacca	aggcaatact	acatgtttta	240
catagtccca	tgaaaaaagaa	ttcaattgag	tctaaccct	gatgcaaggc	acttcaaagc	300
accgcgata	aaatgcccat	gtaaacagca	gtgcagttgc	accttbccaa		350

<210> 139

<211> 156

<212> DNA

<213> Murine

<220>

<221> misc_feature

<222> (1)...(156)

<223> n = A,T,C or G

<400> 139

ggcgcggtat	ctttatcact	gataagttgg	tggacatatt	atgtttatca	gtgataaagt	60
gtcaagcatg	acaaagttgc	agccgaatac	agtgatcgtg	bengccctgg	acctgttgaa	120
cgaggctcgg	gtagacggtc	tgacgacacg	caaaact			156

<210> 140

<211> 411

<212> DNA

<213> Murine

<400> 140

ggaattcggc	tgacctgcc	ttgggggtatg	ggtactgctt	tgctttgggg	tacagtgtctc	60
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cgatgaaccg	aggtatgac	atgttaggca	ccaacgagtc	atttatcato	aggaaggcaa	120
gtctctctcc	atcgggggac	caccagtggg	cgatatgaga	atgcagaagt	tctctagaa	180
taaatgagtg	ttattttaca	tcaacttcac	ataaccagtc	agcaatccca	ttaaaaataa	240
tgcttctctt	tcttgaagat	gttagtcgta	aagaactgct	cttgatatca	ggttgatagt	300
agatattgtt	ttcaaaaata	taaactcagct	gctgtccttg	cacacccagc	ggcgccatac	360
tgcaacactt	gagttctcaa	cttctggggg	atthaacttc	cacamyttcc	c	411

```

<210> 141
<211> 557
<212> DNA
<213> Murine

<220>
<221> misc_feature
<222> (1)...(557)
<223> n = A,T,C or G

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<400> 141						
ggaattctct	tctctctct	tctctctct	ttctctctc	gctctctgc	ttctctgtc	60
tctactcctc	caactctct	ccccatgcc	tgaataacct	ctattctata	ctacatgact	120
ggctccctcag	ggggaagggg	tgccctcagca	tgggcccgc	gaggtacccc	cttccccaca	180
cctgatggca	ccaaacatat	tcctctctc	cttctctccc	tgctcctgc	ttgaggtagc	240
atggttctct	ctgggaagct	ctgggtgctg	agtcagggct	ctgctctggc	cctccccctga	300
aactccatca	gaactctacat	ggccctggac	tgtggcaatt	tgcttcttgg	accctaaaca	360
gactttaagt	tyctygaagg	gcaaggtttc	ttcccactaa	atccagcaca	gggcaagaca	420
catagtaggt	gttccacaag	cacctaatga	gtgctctggg	ttgttgggat	ttttttttgt	480
ttgtttgttt	tggttttggg	ktttgtttgt	tggttagttt	gtttagynag	ttttgcaaca	540
akgtctcaag	tgacata					557

```

<210> 142
<211> 231
<212> DNA
<213> Murine

<220>
<221> misc_feature
<222> (1)...(231)
<223> n = A,T,C or G

```

<400> 142						
ggaattcaat	catattttat	ggatcaacaa	atctcctagk	ncctttttacc	acatacattt	60
acwcctacta	cccaactatc	cataaatcta	agtatagcca	ttccactatg	agctggwghh	120
gtaattacag	dcttccgaca	caaactaaaa	whytcacttn	cccacttctc	tccacaagga	180
actccaaatt	tcamctaawt	tcacaaatact	taattaatta	ttgaacaact	t	231

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<210> 143
<211> 529
<212> DNA
<213> Murine

```

<400> 143						
ggaattccag	acttgtgett	cttgatgtct	gtttgatggg	agctactgac	aggcttaggg	60
ctcaaccag	tggttgttat	tctgaaaact	tctacctggg	tatgcatata	attagtaaga	120
cacttagaat	gagcctaagt	tgagcctggg	gggtggctgt	cccgctgaga	aaggcctttc	180
gcagtttaag	ggcatctctg	ttctctctct	tataggttgc	ctacatagag	aactgtgtgc	240

ctttcatact	gctctgttgt	aaccggttta	tcttcagttt	cattccttgt	atcaagatct	300
taagcagcag	cagttctctaa	cctgtgggta	gtacgcaacc	cctttgggga	ggttgatga	360
ctctttccca	ggggagcgta	tattagatta	tttacgttac	gattcatagc	agtagcaaga	420
tgaccwgtwa	taaaatattt	ttatggtggg	ggggccacta	catcargggg	cgtacattaa	480
atggttgtaa	cattwgcaag	gttgagtact	cgctccatct	ttaaaacca		529

<210> 144
 <211> 148
 <212> DNA
 <213> Murine

<400> 144		
ggaattcttc	cctttgtctg	cagtttttcc
cattcagtag	agagcttcgt	gtycagtatt
cttctctkkt	ctaattattg	tctaatca
		60
		120
		148

<210> 145
 <211> 425
 <212> DNA
 <213> Murine

<400> 145		
ggaattcgcg	ggtctaaaag	ttccaacac
gctgtgggaa	cgacaacttc	tgggtgtatg
actgtgtgoc	aagcacttgt	gogtgttcta
tcattttccc	aatccgtcga	ccgaggaagc
gcagtgggga	ttggtttggg	ctgaggtctg
agaagtatac	tctgatctga	gcacggcagg
gtgcacccta	ctgccatctg	ggccggcctg
acgcg		
		60
		120
		180
		240
		300
		360
		420
		425

<210> 146
 <211> 399
 <212> DNA
 <213> Murine

<220>
 <221> misc_feature
 <222> (1)...(399)
 <223> n = A,T,C or G

<400> 146		
ggtgacacta	tagaatactc	aagctatgca
gtaacggcgc	ccagtggtgt	ggcgccgatt
atgtttatca	gtgataaagt	gtcaagcatg
ggcgccctgc	acctgttgaa	cgaggtcggc
gaacggttgg	vggttcagca	gccggcncct
ctcgacgcac	tggccgaagc	catgctggcg
gacgagcact	ggcgctcatt	tctgatcggg
		aatnccgcg
		60
		120
		180
		240
		300
		360
		399

<210> 147
 <211> 345
 <212> DNA
 <213> Murine

<400> 147
ggaattctca cgttaccctg gaaagagagc tccagagctt gcatttaaac ttctgggcat 60
ctctgcttca atgcctttct aaccagtggc tctttttcgt gtgcggaaac ataaccagt 120
gcacatccca catactgcc aagaagtgaag gggtctcata aggaagatgg gcaccaggga 180
ggaccctggg cttyctctc ggacatgagc ttgccacctg kgtcatatgc tctgdaaggt 240
ttctctgtg actgagacta gtaaacattt tattccctgc agagatgagc tgtctgkgca 300
tgggggggtga cttcagtaga caggagagcc gacatgatgg cttaa 345

<210> 148
<211> 67
<212> DNA
<213> Murine

<400> 148
gaattcttta aaatcaactaa tcgacctghc ghcctcagmt tagaccacat agrcaacttg 60
attatttg 67

<210> 149
<211> 182
<212> DNA
<213> Murine

<220>
<221> misc_feature
<222> (1)...(182)
<223> n = A,T,C or G

<400> 149
ggtagaccta tagaatactc aagctatgca tcaagcttgg taccgagctc gngatccact 60
agtaacggch gccagtgtvg tngaatthn cgcattccacc aagatgngaa twnacatnc 120
ctgtgtaata tngaattggg nntaccaan ggtncctcgg awtgrsrctc tttctcttta 180
gg 182

<210> 150
<211> 336
<212> DNA
<213> Murine

<400> 150
ggaattcgaa ggaatgccctg ctgaatcagc tgtgagctcg ggaaggggca ggtggtgctg 60
ttgcaggcag ggacagaat gctgggagga aggtgacaaa tagtgagctt aggtctccct 120
cggtagctta cagctgcctt aaccctgagg cggagcagg catgtgggtg gtgaacaagg 180
cagtgagcca agcagagcgc tgccctgtga gaaagtgcag aggcagctac agtgacaagg 240
atccagaaca gggagcctga agtcttccac cgaatggca tttggaggag tkkcttcaga 300
gaagcattta gaggaagcca gttggacaat tggcct 336

<210> 151
<211> 108
<212> DNA
<213> Murine

<220>
<221> misc_feature
<222> (1)...(108)
<223> n = A,T,C or G

<400> 151
ggaattcgaa gcttcttttt gcaagagatg gtcattaaag acagttacaw ctggtcacac 60
aatgcatagg nccactgacc acaaagtgtc cagahccaat taatatat 108

<210> 152
<211> 607
<212> DNA
<213> Murine

<400> 152
ggaattcccg gctcgagcgg cgcctttttt tttttttttt aagacttaaa attgaattag 60
tatttgtaaa gaaaggtgca ggtggaataa ctccctccgg cctaggatca aagttatgcg 120
gagaattctt gatggacctt tcccctgccc ccagtggtgg cccgagtggt taagtgcgat 180
tggttagagt agattccagt cgggtcattg tggtggagga gtgggggcag tggcaggtaa 240
gggggctcag ttgctgcagc actggctcgg gctggctggg ttgctctcct gcagatccac 300
acctctggtt cggcccgagg ccccgagcgc attctggggc tcattcttgg gaagcttctt 360
agctattgac atgaaaaattt cattcacgtt cattgcagtc ttggcagacg tctccatgaa 420
gagcaagctg ttgtcatctg catagggctg tgcttctcga aactccacag ctctcttctg 480
ggccaggctc gctttgttcc cgcgtagtgc aatgacgatg ttgggggctg ggctgcctc 540
tgtaactcct tcaccaaat cttagcccggt gcaahgtat ctsbgttcgg tgatgtcata 600
gaccaca 607

<210> 153
<211> 520
<212> DNA
<213> Murine

<400> 153
ggaattcttg ttttctcctt gagacacagc cttgaaagca gtctcctgac tcagcctcct 60
gtgcagaaat tatagatgtg agccactgca cctggcttct aaaaactttt actatgtagg 120
gctctgtact gtcattcctt ctatattcat tgacaatgga ttccctggac cctaagata 180
tcaaaatcat tttctgaagt ggcataatat ttgtatatcc cctataacctg taacacccaa 240
tacaatatag atgtcatgta aacagttatt aagctgtctg tctagtttag ggtggaacga 300
caaggaaaaa aaggtatatatt tagcacagat gtaattttttw aaaaatgaaa tgttttcaat 360
ttgtgattcg ttgaagctgt agatgcaaaa ctcamgggac attaaaagtc aactatatat 420
cattgggtga ctgatcttct ggtccattta aactttgaat tccctataac acaactcaaa 480
gagaacayga tggagagcct aggtctgtat ccaatcaatc 520

<210> 154
<211> 78
<212> DNA
<213> Murine

<220>
<221> misc_feature
<222> (1)...(78)
<223> n = A,T,C or G

<400> 154
gaattcttgt tttthtcttg agacacagcc ttgaaanag tctctdcht cadctccyg 60
tncagaaatt atagatgt 78

<210> 155
<211> 345
<212> DNA

<213> Murine

<220>

<221> misc_feature

<222> (1)...(345)

<223> n = A,T,C or G

<400> 155

ggaattctcc	tgctctggct	cacctgtctc	gctcggggct	ccagctgato	tgtgctgttc	60
ctggtagcgc	tgctcaagtc	gggcagcctc	ctgcagctcc	cgtctcgtc	gctctctctc	120
caaccctgcg	cgctcctctt	cggcagcgcc	cttctctctc	aggcggcggt	tctctctctc	180
cttctcagct	ttggccacga	agttatcctt	gccagctctc	ttgatctcag	atatggcatt	240
ggtctctcgg	tacacagagc	ccactggggc	ctgcbgccta	catcctggaa	ggaggtgctt	300
tccttatgga	agctgtwggt	ggccccagag	gcctnngcaa	ccttc		345

<210> 156

<211> 342

<212> DNA

<213> Murine

<400> 156

gaattcctag	gaaaactcta	aatgaaagta	aatgtctgcc	actcactgcc	ctcagctata	60
atccaaccag	tgtactttct	tctcatcctg	cagaccagaa	caagtcccaa	agctctggca	120
atattaatac	agcaagacaa	gtaacctttt	ttttttcaag	tcttgaggat	gaaccagaag	180
acttttagtt	aagataccaa	gtcaaaagtg	cacgttaacc	tggaccacag	tcaggcccca	240
gahmvctggg	agtgtggttc	acacctgtaa	ccagcactca	cagaggacaa	tgtgctctgt	300
gcaaaaccaa	gscagcttkc	actggggagtc	tgaccactga	ag		342

<210> 157

<211> 369

<212> DNA

<213> Murine

<400> 157

ggaattcgct	gagcttaaca	aatgaggctt	atagtttggt	aggagttaat	aaactttctta	60
gtaattatat	attgactgtc	tactatttat	atgccagggt	actctgtgga	gattattggc	120
aaatctagaa	gtgaaattgc	tgactggggt	tttaatatag	taaggaaaaa	gacatatata	180
cataatagta	ttaccaggca	atcaaaagata	gatactaatt	cagtgtact	tagaatcagg	240
ggaggcattg	cttttaatat	gtgaggcaac	tgggccttca	gtgatgagta	atgaggaaaca	300
atatggratt	ccgtgcagca	gaaaagaag	tatmgacatg	taggtkagga	aaactgcmgc	360
agtgtttat						369

<210> 158

<211> 285

<212> DNA

<213> Murine

<400> 158

ggaattcccc	ggctcgagcg	gccgcttttt	tttactattt	ttattagata	ttttctttat	60
atacatctca	aatgctatcc	cgaaagtctc	ctataccctc	cctctgccct	gctccccctac	120
ccaccacact	ctgcttcttg	gccctggcat	tctctgttac	tggagcatat	aaagtttgca	180
ataccaaggg	gcctctcttc	ccagtgtagg	ttgactaggc	catctctctc	tacatatgta	240
gatagagact	catatctaca	tatgagcttc	yggggggtcyt	cgtaa		285

<210> 159

<211> 443
 <212> DNA
 <213> Murine
 <220>
 <221> misc_feature
 <222> (1)...(443)
 <223> n = A,T,C or G

<400> 159
 ggaattccat aagtactatt attttattaa aaattttaag ttgaggctct aattagacat 60
 cagcctgatt tctttgagtt ccacacacac acacacacac acacacacac acacacacac 120
 acacactgtc ttcagcagtg agacctttaca atcaattctt agaaaaaat tgataagtag 180
 ccttgccaat agccagtggt attttgggat tccatgggat ttcattggagt caacattggg 240
 cagcaactca attagatgta agcoattcct gggactgaaa gggttccttg gagaggaaag 300
 atgtctagtt ggagtagctg ttcccttggt gtttagtgac tccatttaga tttaatcata 360
 tatgtatata ttttaagaag ttccaactgt agtaggtttc catatggacc ccaaaaannc 420
 ttagtgctaa ctgtccctcc ctg 443

<210> 160
 <211> 239
 <212> DNA
 <213> Murine

<400> 160
 ggaattccca actccactct cgctgagggc tgtgccatgg gtcctctgtaa ccttgctctg 60
 ctcttcaaca aagaggacca gtgggaggaa acttgtgggc ccagcatttc caggctaagg 120
 aactgggggg gagggccagt tggatgatcc ccagggtatt aaacccctac tttggagaag 180
 aggcagagct gtgttttagaa agkcaggkca gatgtgggaa gagcattgca actbcaggg 239

<210> 161
 <211> 346
 <212> DNA
 <213> Murine

<220>
 <221> misc_feature
 <222> (1)...(346)
 <223> n = A,T,C or G

<400> 161
 ggcgktaggc gagcagegcc tgcctgaagc tgcgggcatt ccgcacaga aatgagcgcc 60
 agtcgtcgtc ggctctcgcc accgaatcgg tatgattctc ccgcagcatg gctcggcgca 120
 gtgcgtcgag cagcgcccg cttgtctctga agtgccagta aagcscggc tgcgtgaacc 180
 ccaaccgttc nncacgtttg cntgtcgtca gacggtctac nmccacctcg ttcacacagt 240
 ccagggbong hahcgatya ctgtattngg ctgcaacttt gtcattgctt aacactttat 300
 cactgataaa cataaatatg tycaccaact tatcagtgat aaagaa 346

<210> 162
 <211> 218
 <212> DNA
 <213> Murine

<400> 162
 ggaattcccg gctcgagcgg ccgctttttt tttttttttt tttttttttt tttttttttt 60

tttttttttt	tttttttttt	ataaattgat	tattttatta	agatagtgtw	ttataaactg	120
aaaaccagag	gtaaagt aac	aaattccaaa	ggcttttttaa	aggcataawa	tttwaaggct	180
attccaaatc	ttcttgggat	graagaaaaa	tcccttttc			218

<210> 163
 <211> 309
 <212> DNA
 <213> Murine

<400> 163						
ggaattcacc	cggtctcgagc	sgccgcttttt	tttttttttt	ttttttcccc	tccttttttt	60
ttttttttaa	ggaaaaaccag	tcaaatcatg	aagccacata	cgctagagaa	gctgaaatcca	120
ggtcccaaaag	gcgctgtcat	aaaggagcaa	gtgggaccgc	cacctctttt	ttttatataa	180
tacaagtgc	ttagcatgtg	tcgcagctgt	caccactaca	gtaagcyggt	ttacagatgt	240
ttcccavcgc	gaattccacc	acactggcgc	ccgctcgagc	atgcactctag	agggcccawt	300
tcgccttat						309

<210> 164
 <211> 425
 <212> DNA
 <213> Murine

<400> 164						
ggaattccat	attccagcct	ctacccaaaag	tgctggatcc	tgatttctgc	aatactaggg	60
actgaaccct	gatctttgtt	taaactaggc	aaactatcaa	ctgataaaagt	gcactgggat	120
cttggaaagt	ctgtacttgt	gattctggac	ttttggaagt	cagagaattt	taattaccaca	180
gtgagtcgac	tgctgctact	caaaattttc	attagtatct	acgtgggggg	ggggggctta	240
gaaatgtaaa	cmtggggagc	tgagagagat	gtcagtggt	taagagcact	gactgatctt	300
cccatgtggt	ggctcacacc	attttttwat	gggatctgat	gcctctttct	ggtgctgtct	360
gaagacagcv	tcagtggtaca	tatataaata	aaagaaatgt	aaacatgcmg	cttgggaagc	420
aagta						425

<210> 165
 <211> 358
 <212> DNA
 <213> Murine

<400> 165						
ggaattccgc	gcgggcacgg	agcaggacgg	cgggacggcc	ggccctcccg	gcgggagccc	60
gcgggcggcg	chcgggggcg	gtggcccagg	gcagggcctt	accccccccc	ccccccagca	120
gcattgtcatg	gttttagtggc	ctcctggttc	ccaaagtggg	tgaacggaaa	acagcttggg	180
gggaacgcaa	tgggcagaa	cgcccacgcc	acgcgaatcg	agccagtggc	ttctgvcvac	240
ctcgctacat	gagctgcctc	aagaatgccc	agccaccacc	ccccactcct	gcagctacaca	300
ctcggtgccc	ctsgcaggat	gaagccttca	tcaggagggc	ggggccgggc	aggggtgt	358

<210> 166
 <211> 376
 <212> DNA
 <213> Murine

<400> 166						
ggaattcgtg	cagggtgaac	agaattgaga	atgccttgaa	gacaatagag	agtgcacccc	60
agcagacaga	caaaactgaag	gagctttatg	gacaagtgtc	gtaccgcctg	gaacgtctacg	120
atgagtgctt	ggctgtgtac	agagatcttg	tccggaaact	ccaggacgac	taatgatagg	180
agaggaaaaa	aaacctgtca	gcggtcgttg	ccgctcagag	caactgggaa	aaagtgtgtc	240

ctgagaactt	gggtctccaa	gaaggcacac	acgagctctg	ttacaacgct	gcattgtgcac	300
tgataggcca	aggccagctg	accagggcca	tgaaaaatct	gcaaaaactg	aagatcttat	360
gtcgccgtca	ttttca					376

<210> 167
 <211> 250
 <212> DNA
 <213> Murine

<400> 167						
ggaattcttt	ttttttttt	ttttttttt	ttttttttt	ttttttttt	ttttttttt	60
ttttttttt	ttttttttt	ttttttttt	ttttttttt	ccaaattgtt	ttgatcctta	120
tagatttga	gggccaactg	catttttcat	ttatactttk	kgcagggtta	gtactttaaa	180
aaacaattaa	ttgrcttaaa	tccattaaca	ttwtgttaag	ggattatatg	gtcagccatt	240
cctgtgtata						250

<210> 168
 <211> 392
 <212> DNA
 <213> Murine

<400> 168						
ggaattcgga	aaatgttagc	atttaattaa	cctccggtgt	ggcttttaag	ccaccagaac	60
acaggcacct	ccaacacct	taatctttct	ctcagctctt	ctgctgaaga	atttgccctt	120
cacgatgaca	ggttgcttag	ggagctttcc	cttgcccaga	actttgtagt	agcctgatcg	180
aacaacatca	atgatgggag	caactccagt	ctgtttthtc	mgcattgacc	cgtgtctgch	240
cgctgaccaa	tgtccacagt	ttatccaggt	tgactgttgg	gcagaagctc	tggttccctc	300
tcaagtggta	atgccgcata	ccaactttcc	caaaataacc	tggtgtgat	ttgtcaaaag	360
tgatccctgt	ggtgcatgcc	tccagcattc	cc			392

<210> 169
 <211> 387
 <212> DNA
 <213> Murine

<400> 169						
ggaattcctg	aaggctgagg	ctgtgaagaa	ggaccgcaga	aagaagctga	ccagtcctaa	60
gtttgtgggg	gggtgcagaga	acactgccca	ccccagagtc	atccctgcac	ctgagatgag	120
acagggaatc	gaacaaggcc	ctgtccgcag	acacatggaa	gcttcctcc	aggagttcaa	180
agccagccca	cgcatggtgc	cccgrtctgt	gtacctgccc	aactgtgacc	gcaaaagatt	240
ctacaagaga	aagcagtgtg	arccwcccg	tgccgcaaac	gtggcatctg	ctggtgtgtg	300
gacaagtacg	gaatgaagct	gcccggcatg	gagtagctgg	atgggggact	tcagtgccac	360
rccttcgaca	gcagtaacgt	tgagtga				387

<210> 170
 <211> 226
 <212> DNA
 <213> Murine

<400> 170						
gaattccctg	gagaagcctg	gagctccaca	tgacagagaa	tgatctgtcc	ttgtgtctcg	60
ttctgattaa	aaacaaaaac	aatcaataaa	aaaacaaaat	kgaaacaaa	ccttagtgta	120
tgccatgaga	atgtgaaaac	actagagatg	atcaggggga	tcttcaaatg	gaggcagaga	180
gccagtttct	gaagagaatt	gcagtagctc	ggaaagccag	tcaccg		226

<210> 171
<211> 440
<212> DNA
<213> Murine

<400> 171
ggaattcgca gaggcaggca gatccctgtg cgtttgaggt cagcatgggc tacagaggga 60
gttccaggac agccagggct gtatagaaaac cctgtctgga aaacccaaac accaccacag 120
aataaaaaca ggagaaaacag acttgtttcc aaagtggctc ttctgaagcc cctgctctga 180
aagttcacgt gaccacagcc atgccccctc ttcattctag tcactggctt aaggcaaggc 240
tgccgcgaga ccatgagacc gtgagaccag atggtgggtg gacatggagg gaaggcggag 300
gtctggctgc tgtgcagccc tagccccagt ccaagagcac ctggtcttcc gactcagcct 360
aggctcagtg tagtcatcaa gctcacttct gaggcaggaa agatccagag cgccaarccc 420
agccccctgc cacatgcca 440

<210> 172
<211> 449
<212> DNA
<213> Murine

<400> 172
ggaattcggt tgaattcctt caactacact cagagttcaa gtgcagacac actgtgtccc 60
aggctccggg ttcttccaag ggatgacaag tgtgtgccaa tacctccgac acaagttttg 120
gcacaagtgc ctgacactca atactctcac aaggcgagca cttcactcgc gactaagcta 180
taccacagcc ctgagaatgg aatttttcca aggtttccat tttagagttg atcaactgtc 240
ctctctctgt cgtgggagtg acatgagaag ctacagggtt ggcacagggt ctgaactcag 300
tgctgatttg ttggcgtctc cctccttctg ctctcttttg taacctccgg acatgtgtgtg 360
gtccscctgc cctcaccagta ggtgtgtcac tgtaagtatt gtcttataga ggagaagact 420
gatcagggag aggttgagca agcagaaac 449

<210> 173
<211> 401
<212> DNA
<213> Murine

<400> 173
ggaattccag gttattattt tgtttttggt gttttgtttt gtatttttgg agataaggte 60
tcactatgtg gccttggctg gcttgggaatt tacagaggtc agcctgcctc tgcctcttaa 120
gtgtgcgaat taaagtccct gactatcact tcaggccctc tgaggtcagt tttaatcagc 180
ggaaataact ttatcattct ggttttgcct tcccagata cctacactct ttcttcaact 240
atactcaggs ctgaaccaac ttttatcatt ctggctttgc tcttcogaat tccacacac 300
tgggcgccgc tgcgagctgc atctagaggg cccaayccgc ccttatagtg agtcgtatya 360
caattcactt ktogtctgtt tacaacgtcg tgactgggaa a 401

<210> 174
<211> 369
<212> DNA
<213> Murine

<400> 174
ggaattcccc ggctcgagcg ccgctttttt tttttttttt ttgaaaagt tcagatgttt 60
ttattcaaa gtcttcaaaa gaaataaaac agaaaaagct aacaatctga tcaaatgtac 120
agttcaaaaa tgtcttttgg cgtttaacaa gtcttaggaa agaaaaact agagtcactc 180
tgaaccggta aataagtcac cactggcaag tatgtagcac tagtagaaca aaaataaaaa 240
attaactctc ttgatcatat agatatctct atgaaaaact tttttttcaa tctgtacaaa 300

aggtctttct tcataaatta atttttttta taatttaatg gctgtctacc cgggctcgag 360
cgccgctcg 369

<210> 175
<211> 367
<212> DNA
<213> Murine

<400> 175
ggaattcata attaatagca acaaacggcc gtctcgtgc ctgccgcagc cgcagggtgc 60
ttttgcagac ctgacgagca atttttgtga aatacgtagt acgaaggaaag aaagcttggc 120
gggtcttcac tgcagacttg gggcttccgg tgttccggac cggcatgcc tgcaaggcct 180
gccgggacat gtggcttctt ggcgcgggt cctctgcagt cgggctggga gacttctctt 240
cgtctgactg ggtaggcatt ttcagacctc catacttttc caatacagcc aacaggctcg 300
vcagagtcta cactgcatgt taggtgggcc ccaggaatac cactgatgag actgtgtggc 360
gtasagc 367

<210> 176
<211> 387
<212> DNA
<213> Murine

<220>
<221> misc_feature
<222> (1)...(387)
<223> n = A,T,C or G

<400> 176
ggaattcaaa gaggtctgct agccggtaga catcaaggat attctcctca tctacctatg 60
acatgaggaa atcacagcag aagtggataa tttctggtat ctgaagttgg caggcagcaa 120
ccagggtctc ctgcacattg ctccaggctga gctctagtcc agaagtgtat atgaagtgca 180
ggatttggca catggcattg taagacacac cgtggatcaa gacctcttcc wgtcccawct 240
ccttcaatcc ccagcaaac attcctctga aataatcaca cgatgcagct agcagaatcc 300
gatgggcctc aatgtgcttc cctcagtgga ccaggccaag tacctgaatc ctcttactgg 360
ggaaathgga amaattmnn tggcttt 387

<210> 177
<211> 514
<212> DNA
<213> Murine

<220>
<221> misc_feature
<222> (1)...(514)
<223> n = A,T,C or G

<400> 177
gaattcgttt tgctatttt catgtgtaaa ttcattcaag tgatacaaga gccctaaaaa 60
tcaacccttg attcatcaaa aaatatattt ttaaaaaaaa gagagagagg gccaggcat 120
ggtagctcac acatgcttat aatcacacac ttgggagggt gagccaaaga actgccatga 180
atgtggagtt agcatggttt aaaattcaac cctgtctcca aaacaggaga gggaaggggg 240
tgggagattt gaaaattcat atacaggaga aattaacaga caattatttc agaaaaccaa 300
agtacactta aaactgcacc atcactctgg ttcctcaggc cagagtgaat gcttgtgact 360
acactgtcgt ccacctgctg aggatgtact tattctttac tacaataact tctaaagtat 420
nctcatagtt hacagcaakk ccaganccta ataattatct aatctagngt ttctcaacct 480

tnngcgatcac aaataatcta tgtactaaga cact

514

<210> 178
<211> 99
<212> DNA
<213> Murine

<400> 178
gattctttat cactgataag ttgggtggaca tattatgttt atcagtgcat aamgctgctc 60
aagccatgca caaagctgcg ccgcgcccga atvcvgtga 99

<210> 179
<211> 357
<212> DNA
<213> Murine

<400> 179
gaattcgga aaggggaagac acctccagct cagcccagaa gcaagctgc tgagggggac 60
gtggtagcag gtggggctca gcaactcatc tccccagca gggcatacgg gtttcgggct 120
gttaggcagg acccaggatc tgaagtgtgg gtgtcctcat ctccaaatcc ctcttcctat 180
gcacccggg cctcctctcc ttaactccwca caggagctgc tcagttctct ctctctctcc 240
tcctmmtcat cactgcccgg ccccaccctg cctcgcgaca gaccagctct gcagctctctg 300
ggtgagactc ccaggtgcct ctctgttcgc ctgtaaccag gagggtagaa acatagg 357

<210> 180
<211> 554
<212> DNA
<213> Murine

<400> 180
ggaattcggg gagctatggg taggaagtgg tcccagagag gttttaggtg gaagaatcag 60
gaggagtac aggtcaactt gcagaattac tgaagaatta ggaccccaaa ttttatgcca 120
attgatctat tccccctttt ttatttcttg ggccgggttt ttctttttt ttttaaatcc 180
ctccttagct ttttatgcgc tcaaatcaa ttgtacctat tccctacata acgggagcag 240
tgatcaggta atgaatgcat cgagccatca acaccagcta gagccatcaa caccggctac 300
cacaatgtcc tgctctccac aaccttgatt ttttttttt tatctctctc tatcgtttgg 360
cctgagttgg gagtggagtc tctgtggggt gcgccacac acccacagag aaataaaagg 420
aattgagaag gtgcctacct ggccgtactw ctggggacag tgctgggtccc cagaagtctc 480
gaggagtga gvggcgtgv gcacgatgtc cctcacgggt gtaggaagg ygcctggagg 540
ccacaaaaga tggg 554

<210> 181
<211> 498
<212> DNA
<213> Murine

<400> 181
ggaattcctt aacactaata gaaataaatc cattaaaatc tttgaaagaa agaaaagaaa 60
aagagtgggc tgagactcct gctaacctct gacctgactg ctatggccac 120
tacatattca gtaacaaact caaaaccttg aggaaccttg tgctttcagg cataccatga 180
caagctagca tccccaaagg cctgtgcacc atctccaacg cagaagata agagatacac 240
ttacatgttg gcaggatctt tagtattacc accaggtcag ccacattgtg tctgtagtc 300
attgttcctt ttttatatga tctacctgt ccggacttct tcaatttgca ctttcaaatg 360
ttcctcgggg gccacaaatc aagttgtcaa tcacattgtt gattttttgt caccaaaagaa 420
aggatggaag cctgctcagc agaaattatg gggcaagggtc ttgattctctc tttcagcaag 480

gcttcacctg aaaggagg

498

<210> 182

<211> 461

<212> DNA

<213> Murine

<400> 182

ggaattcttt	aaatatgact	atggccaggc	agtgggtgtg	cacaccttta	tcccagccct	60
caggaggcag	aggcaaggag	gatctctgtg	agtctgaggc	catcttggtc	tacagagtga	120
gcttcagaaa	aggcaaggat	acacagaaac	cctgtcttga	aaaaccatac	ataaacatac	180
cctctggccc	ctttctcttc	atcacgaaga	aataggggag	gtacataaat	tgttttagatt	240
tagcttagaa	gtttatttac	atgtctacga	gtgctctcct	gtggagctca	agagaggggtg	300
tctgatcctc	cggaaagagtt	acaagaaggc	tgtgagctgc	cacgtggctg	caaggaacca	360
aatctacttg	gtgttcttgg	gaacaccagt	aggtaaatct	cttaataact	mgagctatct	420
ctccaggctc	ctagattctc	aggaaaaaaa	cctgactaat	t		461

<210> 183

<211> 477

<212> DNA

<213> Murine

<400> 183

ggaattcgtg	ggggtggctc	tgtccagtga	gccaatcatt	ccttaagacc	cttctgaccc	60
ctcctgtacc	atcgggactt	aatcaccagt	ctggggaggc	attaggggaag	gggcaaggggg	120
tgcagaggtt	aaacctcagg	agaggaactc	aaaacccttc	aatggggcta	tgtgatacgg	180
agaactcctg	ggatgtgtca	ctgggtaaac	aaactaaaag	cttccttctc	gttctcttca	240
caggctagcc	tagaaggaaa	gcttttgcta	ggtkgaggtc	tkggggagggt	cttagtgggtt	300
cctaattccc	ttctcttggc	tttactgtct	gtcatgcttg	tacacccttc	thagagccccc	360
amccccahc	ccctkgcccc	tgtctcttgg	tcttctctgt	gggaacctaa	cyttgagaaa	420
acttgtgtcc	caaatgtgca	tttgctcagg	gatatctsa	tttatktctc	ttccagt	477

<210> 184

<211> 420

<212> DNA

<213> Murine

<400> 184

ggaattcaaa	cgggtcgcg	cgccgctttt	tttttttttt	tttaatgctg	ttgtttatct	60
tatatgatg	aaagtaaatg	tctttattcc	tatgttgttg	aaaactaccc	agtaataatc	120
ctggagtcca	cctgtgtcaga	ccttgaggga	gtgggcaaa	agcagcagca	caatagtgtg	180
tgttgtgttt	aggttggaag	ttctaatagg	caagtcaggga	attcttatat	ctgtagctcc	240
tccagaagcc	ccaggccacg	cgggggctcg	gtgtgagcat	gtgcacacag	cyccaccctc	300
tcacccccac	cccdhyhcag	ccaggtgttt	agtgcaactg	gatgtgaaga	ctctgcttag	360
caaccagcag	taagtctctg	ctcaatcgat	gctagggtgc	tgtgagttaa	gacaggggact	420

<210> 185

<211> 301

<212> DNA

<213> Murine

<400> 185

ggaattcctg	aggacatgac	atccaaaagc	tactactttg	actcctatgc	ccactttggc	60
atccacgagg	agatgctgaa	ggatgagggt	cgccacctca	cataccgcaa	ctccatgttt	120
cacaatcgcc	atctcttcaa	agacaagggt	gtgctggagt	tgggctcagg	cactggcactc	180

ctctgcatgt	ttgctgccaa	ggcggggggc	cgcaagggtta	ttggggattg	agtgttccag	240
tatctccgat	tatgctgtga	agattgtcaa	agccamcarg	ttagaccatg	ttggtgacca	300
t						301

<210> 186
 <211> 458
 <212> DNA
 <213> Murine

<400> 186						
ggaattcggt	cagcagtcct	ggagactgag	ccctcaactg	agggcatctg	acattctctc	60
caagttgaag	gtctgatgca	aaaccaatat	ttgtttgggt	gtgtgagtat	atatcccccac	120
acttttgagg	ccgcgagaag	taacctgtgt	tggagaaaact	gactctgtgt	tttacttaag	180
aggaaaagg	ggagagaaac	tagtgatgtg	tttcctgtat	agactttata	tcataataata	240
taaatcacac	atgggggaata	ccaaaaggca	aaaataagca	agccactgtt	acctaactca	300
gaaaattata	ctcttcaccc	atttttaggga	tgaaaaacat	tgctgtgcaat	ttacaagcca	360
actttcaagg	cagaatttag	gttatccaat	caggatttag	aatatcgaac	atcttcaata	420
tctaaattta	tattatatvg	tcacaaatat	caggaccc			458

<210> 187
 <211> 502
 <212> DNA
 <213> Murine

<400> 187						
ggaattcgct	ttttaaggaa	tgctggtggt	gcctgggtag	ataattacat	cacttgttcc	60
actgtgttga	cactgttttc	ctcatggatc	tcctccattc	ctagctttct	ctgetatgca	120
ttttcttcac	agcgcagctt	gcggctcogtt	gctgaaaatt	ataagctctg	cataggtgtg	180
gctttactgt	gatgacatgt	ttcttctttt	ttagctggcc	cacacctttc	taggtgccaa	240
ctacaggata	gattacagac	tttccattag	tgtctatttc	ttttaactctg	tgtagacttt	300
agaaagtcta	atcaatccag	agatggggcca	attcagaatt	gactataatt	gaacacctgc	360
taaaagtatt	tatggggagg	ttgacacaca	gcattgagtt	tttgactttt	gtaggatatt	420
taaaavcat	ttgcagttca	tgtaacagtb	gtggtcttaa	aattcacata	ataaagcagt	480
cctgttcaaa	aaaaaaaaatt	tt				502

<210> 188
 <211> 400
 <212> DNA
 <213> Murine

<400> 188						
ggaattccgc	cttttgacac	tgcacacgca	tggtcatcta	caagtgccaa	gotgcattcg	60
tagctgtcct	gagacctgag	ctgtcatgtg	accottcaat	ggcaggctgg	acacacatag	120
aagggtaagg	tcocaaactg	ccgcagccag	taagaaaact	acggaaaatc	tagcttcaca	180
acaggagctc	aaagaacctt	acatactggg	catttcaaat	caggccacatg	tctggggaga	240
ggactggata	ccagacctta	taatcagcct	aaacttgcta	agaacaataa	ttaggtccat	300
tttaaaagg	ttctagccac	tattcttgaa	actgatttta	ctaagtataa	atcctcayyg	360
aaatctgttc	taaaataggt	tattgaaagc	aactcctgtc			400

<210> 189
 <211> 463
 <212> DNA
 <213> Murine

<400> 189

gaattccttt	gcttgatcaa	tatgtttatt	gtctttatga	aaaaatcttc	atagaaaact	60
gctttagctt	tcagagcc	tttctgagc	tctgaggaag	cttgcccttc	tttgagcaac	120
ccgatcttcc	ttctgggcaa	gagacatttt	gggacgattc	cacctctctc	tcttcacttc	180
tctcttgggc	ttcttctcat	agactggatt	ctctcggata	gcagcatgag	ctttcttata	240
catctctccc	atcatgtctg	gagttacgtt	gttcttgatg	tactgagaga	actgtttctt	300
atacgcattc	tcattcttct	ccattaggtg	gcgcatgtag	tctgccacat	tctgacccat	360
gatgtgtctc	cgatgtacct	ctgcattgaa	ctccttgcyt	tcagagtcac	aaccagggaa	420
tygtttggta	ctatgaggga	tagacaaagt	tccathcaca	rgt		463

<210> 190
 <211> 188
 <212> DNA
 <213> Murine

<220>
 <221> misc_feature
 <222> (1)...(188)
 <223> n = A,T,C or G

<400> 190	
ggaattccgg	cttctgagca gatcagactc tctctgtttn cgcactcerc cvgctccttc 60
cagcaacccat	gtctgacaaa cccgatattgg ctgagatcga gaaattcgat aagtcgaagt 120
tgaagaaaac	agaaacgcaa gagaaaaatc ctcnrcmttc aaaagaaaac attgaacaag 180
agaagcaa	

<210> 191
 <211> 276
 <212> DNA
 <213> Murine

<220>
 <221> misc_feature
 <222> (1)...(276)
 <223> n = A,T,C or G

<400> 191	
ggaattcctc	tgacctcgct gtctcttctc tctctctctc tgcctctacct ctgtctcacc 60
tctgtcaagt	tctatgaatg actgatagaa agctagtctg caaccattcg gcaggtagaa 120
atttccctcg	ctctgcaggg agacataacc ctctgtttgg cgatggagaa tgaggagcag 180
agcagtgggc	ccctggggag gctgtaatta agawccactc ctgnctgagc ctcgsgcaga 240
gcctcactcg	sgattctccc tgtaactccc caaac

<210> 192
 <211> 608
 <212> DNA
 <213> Murine

<400> 192	
ggaattcgga	attcctttaa actacaagga ttttatttta ttagaatcta gcttgagcca 60
gaacctttta	tggtcagagg aagagatagc aagtagatct actgacatca agaaggactg 120
cccagtggtg	gagccagcat ttgaaactgg actatagagg accaactaca attgtgactg 180
catttgtgac	tgaatgtcac aaaaactgct gagaggcttg tcatgtatat gagagacagg 240
gaaagagtca	tagtcaagac tggaagcatg agcaggcaag aagtgtacct tagattctat 300
cccctacgt	tctttcacat cacatgtgtt tggcctctgt ataataccca gctgtattga 360
ccaggacttc	tctgtctctg tttgtctctt aattttcata gtgagcctac cttttggtaa 420

tgactattta	tgagatagtg	ttctattctc	aggttactac	tgtggattga	acccaacatt	480
acaaacacca	gctcagcaam	gaaaaataac	caattactth	gtctctgttg	aacattgaaa	540
acactctcac	tgaagaagt	gagtgattaa	aaaaagatcc	macmgatgac	omaagtaacc	600
acagatat						608

<210> 193
 <211> 278
 <212> DNA
 <213> Murine

<220>
 <221> misc_feature
 <222> (1)...(278)
 <223> n = A,T,C or G

<400> 193						
ggaattcaca	agatctacca	cttacagagc	aaagtaccca	cctttgtgwc	gaatgcwggc	60
cccagaagga	cgaccctgaa	tatacacgag	aaaamctgga	atractctacc	cttacdgcag	120
aacggcttatt	actaatgagt	acatgaaaga	agattttctg	attaaaattg	aaacctggga	180
caagccagac	cttnacaccc	aggagaatgt	gcataangca	kmggaggcct	gasrgcatgg	240
aaacatgtgg	aagctatata	tatagacaat	trctgatc			278

<210> 194
 <211> 488
 <212> DNA
 <213> Murine

<220>
 <221> misc_feature
 <222> (1)...(488)
 <223> n = A,T,C or G

<400> 194						
gaattcgaga	gagagagaga	gagagagaga	gagagagaga	gagatctagt	tgtcaattga	60
acaagtggtg	tttgagccctg	gaggcatgag	cagggctggg	tcctgcggac	cctgtgagga	120
ctgtgggatg	ggcatgggtg	ttgtctatac	tgtggttgag	caccagtgcc	cagcgccagg	180
ctgactgact	agctgatacc	tccttgggat	ttgcagggta	ctcttgagaa	gttcaggcag	240
gtgaaagtct	gtggcatcct	cctcattggg	cttctgcctc	caccatcccc	catgtaacca	300
aagagactct	gagcvcctat	tttccctccc	tactgagaat	ccctctggac	ccanntcac	360
tcagggtaaa	agtcacatcct	ttccatgacc	actgggtggg	tcctyaccat	ccacnctcat	420
cacctgtctg	aattagtgtg	gcctccctct	gcwccagccg	caatgggctc	agcctttgca	480
cgtggttat						488

<210> 195
 <211> 523
 <212> DNA
 <213> Murine

<400> 195						
gaattccagc	agttaagagc	actgactggt	cttacagaga	tcctgagttc	aattccacgc	60
aactgcatag	tgactcacaa	tcactctgta	taggatctga	taccctctgc	tggtgtgtct	120
gaagatagtt	acagtgtacc	catatgcata	aatgaataa	ataaatcttt	ttaaaatttt	180
tattttgcta	attttatttg	aatgtgtggt	ttaccacact	gtatgtcttt	gtatcacctg	240
cctgcctggg	gactgaggag	gctagaagag	ggcttcagat	ttctctgggt	tagagctaca	300
gctgggtgct	agtggccatg	tagatgctgg	gaatcgagcc	tgggttctct	ctgaaagagc	360

aacagtgcc	taaaccactg	agccactaga	cataagcatt	cagagaggat	ttgttggtgt	420
tggtgtttg	ctttgtttgt	gtttgatttt	tgtatttgc	cacagtggct	gcaaacattg	480
aatctgagtt	ggaggtaatc	cttttatttt	acagaatmtc	ast		523

<210> 196
 <211> 480
 <212> DNA
 <213> Murine

<400> 196	
ggaattcccc	ccgccatgac
gactttcatc	actgcttggg
catagcagcc	aaagtgtcaa
aagagccctt	gacccctgtt
catgtctgtt	gcagagggaa
tctgggtgct	ggtcgaaacc
tycttgacgg	tctcttgggt
tatcagaaga	cattttaaag
	gtggaggtyc
	tgatatggaa
	gcaggamcca
	rggcctatta
	60
	120
	180
	240
	300
	360
	420
	480

<210> 197
 <211> 424
 <212> DNA
 <213> Murine

<220>
 <221> misc_feature
 <222> (1)...(424)
 <223> n = A,T,C or G

<400> 197	
ggaattcgca	acacctctta
agaaccagcg	tctgggtcct
tctctgtcca	gcagttgtcc
cccaggtgac	agtgtctgag
ctcaggggccc	tcacagacag
nggcacagca	gggtcacagc
agcagcagca	gcagcagcag
cagg	
	60
	120
	180
	240
	300
	360
	420
	484

<210> 198
 <211> 455
 <212> DNA
 <213> Murine

<400> 198	
ggaattcagc	ttacataggg
gttaagtgtc	tgaggaaatga
cacacacaca	cacacacaca
gctttagtagc	acagctacat
tggcctacat	ggttaagttaa
caaaacaacac	ttatccacct
atgtttttct	caaaggttagc
atgagchgg	gcmctgggva
	tgctcagaag
	aggct
	60
	120
	180
	240
	300
	360
	420
	455

<210> 199

<211> 410
 <212> DNA
 <213> Murine

<400> 199
 ggaattcattc agaagctcat tttgtttatc ttttttttct ttttttttta caaatcagta 60
 aagctttaag ccagagactt atagattggg tcaaatataa tcaacagtaa gatacagaca 120
 acaagagata cagctaaagc cactaacagc aacagattca aagtaggaag atgggcaaaag 180
 gctttatcag gaagagctca atgaaaagaa agctagatcg caatgggtaac atcagataaa 240
 ggggaaagca agccaagcta cattaaatag gggttaaggat gggttcgggt agccttccaa 300
 crogctacata taagtctgtt tctcacttwa ctgawctcat cttagctctc cacaatctct 360
 aaacagatca tcactrctca agarcmtggt gtgtatatat ctctcgaaaa 410

<210> 200
 <211> 452
 <212> DNA
 <213> Murine

<400> 200
 ggaattccat gggttaaagca tatcaaatata atactaggca aggagtttcc tgggagagtt 60
 agaaattaaa aaaatttacc aattttctgt ctctgtgata attcaatgcc agtaagagaa 120
 aggtattgaa gggacaattt tcatactaaa aaaagaattt ccctagtcac gtccaccatct 180
 ctatataaga atccaggagaa tcccagaaat agaaaatttag tttcaggggg accctcgagg 240
 ccttttaagc cttttaaaaa attacagtaa taataaatta gctattgctc ttcagaggct 300
 caccgaaacg ctaacacaaac aggaccagggt ccagagtttag gtccgtatct caggttctcg 360
 agctgcccg cctctcttaa agcttagacg aatttccaaa tacaagacat acaatttaac 420
 acagactgag tgggdccttt tgtttagtgg gt 452

<210> 201
 <211> 387
 <212> DNA
 <213> Murine

<400> 201
 ggaattccat tctttcaaaa acaatgtatt atcacctgag aaataatcca catttagtta 60
 acttttcagg gaacttctga actcatcata catactccac taccctaatgt cgacactcca 120
 tttccactcc agccaggttaa gtgtaaaagta tgcaaaacct caatgagttg tttctaaactg 180
 acagactgca gagataaaag caatgacgac ggccctcaga tcttagcaaa aacaactgct 240
 aaagtgacta tcaaggaaaa gaaccatttt agaagcagtt ttatgtacca aggtgggttaa 300
 aacttaaaa ttgacaggca gttggtggca cgtgccyttw ataccagca cctgggaggc 360
 aaaggcmggc aggtttctg taggttc 387

<210> 202
 <211> 278
 <212> DNA
 <213> Murine

<400> 202
 ggaattcagg gagagcgcag acaggaaaaa tgcagaaagc cacagggaaa gtacgggtaca 60
 cactcagatc tttttatttt caacttactt ctgctttatt tccccaccac tctctcggtc 120
 ctgctcaaac tgggtcgcgt tggggatggt tggcatggcg ctcttagctt ttgttcggtt 180
 taattcccg cgccccctth ctctcvgcgc gattactagg tcccgaactc tgccactaca 240
 accttaggag cagcaagcty cgccaactgg caccaccg 278

<210> 203

<211> 591
 <212> DNA
 <213> Murine

<400> 203

gaattcattt	tattttattt	ttatttatta	atagtaacaa	aaatcagaag	taacaaaaaa	60
ccagtgtaaa	tggaatacac	aagcacagca	aatacaaatg	caatttcaaa	accactcggc	120
acagaaatct	gttgaaacca	ttttctgaag	tttaactatt	taggtcatag	gactaaccaa	180
ggcattcgga	gtgtccaat	ggatttgggt	gccgatggag	gagcctgctt	ccccaagact	240
gacagttagt	cccaagagtc	ctgggtatat	tatgtgaaaa	gacctccctg	ggctctggat	300
cttaagagac	actgatgtta	ataaaaccac	caggaccaca	taaaaccaca	gaacaaaacc	360
ccagagcaag	ccagagagac	ttgcgctctt	gttctatagg	cttctagagg	actctaggaa	420
ctgaagaaga	tgtaacctct	cgtgttggtc	ccatgcgaat	ctcaacccaa	gtctcccaaa	480
ccaggctact	tagcagcttt	tcattgaacgg	ttcaaggatc	acctgaatct	atgggrgggt	540
ccctgaatc	tatggggagg	tcacctgac	tatttgtsch	tcagagcaac	a	591

<210> 204
 <211> 578
 <212> DNA
 <213> Murine

<220>

<221> misc_feature

<222> (1)...(578)

<223> n = A,T,C or G

<400> 204

gaattcgatt	tattgaagca	gtaacaagtt	ggtcagatat	ttactggaaa	aaagcagttt	60
taatggtatt	caaaaatact	ttaaaaagta	ttctagcaca	agattttctc	gtaaactaga	120
ttattttgta	aaacttttct	acgtcttttg	gggtgctcag	tggttaagtgc	tgagcttctt	180
tctattccaa	atctatcttg	cgtctcctgaa	aaactgcagt	aaaggcactt	gaaagctggt	240
ttctaaagat	acgatttttt	tttctctctt	gctgggtactg	cactgttgca	ccaagtgtgt	300
gcaattttta	ttcaagggtca	tcgtgatgct	gagaagtctc	attgatcacc	tgtccatctc	360
tggtctcaac	cgtcttaate	aggagtgttc	tttttgagtg	gggtgtcaacc	agaggaagtg	420
actccaggtt	agttttctct	agggtccagg	aagaaaaggt	tgccagaggc	agagaaatcc	480
tgctctcmnc	gccttccagc	agcttctctg	aaggnggcga	ncgtcaatgt	ccagggccad	540
cttaaacattg	agccagatct	tggaattcac	gmaggtga			578

<210> 205
 <211> 530
 <212> DNA
 <213> Murine

<220>

<221> misc_feature

<222> (1)...(530)

<223> n = A,T,C or G

<400> 205

gaattccgac	ttccaccatc	ctatcaaaat	actgtcaact	tctaaaccaca	atagtgaactc	60
tggtctgttc	tgttttagttc	tgtgtgtaaa	tgaatgtggt	aaatgacctc	ccctgcccca	120
gctggctgac	ctccctcttc	ctttgatctt	gacctcatat	ggaagcagga	ccagtaagggt	180
accttcaatt	taaaacaaaa	caaaacaaaa	aaacaataaa	aaggctaat	aacacacaaa	240
aaaaaaaaaa	aaaaaaaaaa	aaaaaaaaag	ccghgaattc	caccacactg	gcggccgctc	300
gagcatgcat	ctagagggcc	caattcgccc	tatagtgaat	cgtattacaa	ttcactggcc	360

gtcggttttac	aacgtcgtga	ctgggaaaac	cctggcggtta	cccaacttaa	tgccttgca	420
gcacatcccc	ctthbgccag	ctggcgtaat	agcgaagatg	gccncacgg	atctgcectt	480
cccaacagtg	gccgtcatcg	ctgaatggcg	aatggcgct	scctgttagc		530

<210> 206
 <211> 501
 <212> DNA
 <213> Murine

<220>
 <221> misc_feature
 <222> (1)...(501)
 <223> n = A,T,C or G

<400> 206						
ggcggtaggc	gagcagcgcc	tgctgaagc	tgccggcatt	cccgatcaga	aatgagcgcc	60
agtcgtcgtc	ggctctcgcc	accgaatgcg	tatgattctc	cggcagcatg	gcttcggcca	120
gtgcgtcgag	cagcgccgcc	ttgttccctga	agtgcacgta	aagcgccggc	tgctgaaccc	180
ccaacgcgttc	cgccagtttg	cgtgtcgctca	gaccgtctac	gccgacctgc	ttcaacaggt	240
ccaggcgccg	acggatcaact	gtattcgctt	gcaactttgt	catgcttgac	actttatcac	300
tgataaacat	aatatgtcca	ccaacttate	agtgataaag	aatccgcgcc	agcacaactgg	360
cgccgcctcg	agcatgcac	tagaggcgcc	aatnccgccc	atagtgcgtc	gtattacaat	420
tcactggccg	tcgtttttaca	tagctgtgac	tgggaaaacc	ctggcgcttac	ccaaccttaa	480
kcgccttgca	gcacatcccc	c				501

<210> 207
 <211> 561
 <212> DNA
 <213> Murine

<400> 207						
gaattccaat	ctcagaataa	aggatgacca	ctggactctc	aggatttgat	gagggatata	60
tgtgatctcc	tttgaacaat	aatgggtttcg	gtctgtcagc	ggcagtcagc	agaaggctct	120
ccagagtgtc	tagatcacaa	gtctgctttc	catgcactga	gagaaacgac	ttgcacocct	180
ctggtggagg	ctcgtcaact	gctatctgct	ggaaggcttg	aattgaggtc	gagtaggaac	240
ggagagagag	acaaaaactc	aacaaattct	gctgcagagg	ggacaggagg	cgaaacgcag	300
cttccaatac	ggcatcgtaa	taggagtgtat	cagtatcgtg	atgactctgat	gatccaatgt	360
tttgagtggc	ttctacaaaa	ctccaaaatt	tctcttgact	gtctcttgct	aagaactcac	420
tggtctccag	cagcagtggtg	gcagaaaaacc	actttgtggt	gagagaggtg	staatggctt	480
ttgaattggc	ttctgctaag	gaaaacaggc	acggtaaggc	cagtgcaatc	waggagatct	540
crtgtatgta	acggagmctc	g				561

<210> 208
 <211> 547
 <212> DNA
 <213> Murine

<400> 208						
gaattcgctt	gggaatgtcc	tggggaagaa	gagcagagtg	ttttctcccc	ttggcccagg	60
cagtcgcagc	aggaagaatg	catggggtaa	gggtaggcca	gtaactccac	ttgcaaaagg	120
tgtagcactc	actggcttagg	atgcattgggg	agagagttac	tgctgccagc	tttctctctg	180
taccgcctat	agactggcat	ccagagatgg	gtgcctggct	tgaggcctga	gacagtgtat	240
cccttctgct	gggtggccaat	gtctctgtta	agctgcttac	tgcaaggctc	catcttctgc	300
atctgtgtcc	tggtgtgtgt	ccagctctcc	ctcgctatgt	gttagcagtc	cctctctate	360
accatcatct	cgagtttggg	ctctctcttg	gggtgtgctt	gctctagaag	cagtgctctt	420

ttggggcgct	ggtagccggc	tgtgtgtgt	gcagctcccg	ctgccgcgcg	cgctgccacc	480
accaaatttg	ctactgcgcg	ctccaccact	gctgctctct	cctccaccact	gbgctsktca	540
cccttyt						547

<210> 209
 <211> 644
 <212> DNA
 <213> Murine

<400> 209						
ggaattcttt	ttttttatat	gtaaacgac	aaaatatttt	aattttccat	gaccacaggg	60
tctcttcaag	aagggtgtac	ctgtatgacc	accagggtgac	agcatggata	atgcttcagg	120
acaagtcaca	attttgtact	aacaatcagt	tcaaccacag	cttgaaatgt	agtttgtccc	180
agctgcacaaa	gccacaagac	accaatcatg	ogtcttacc	cagtacagac	ttttataaaa	240
cacacatgta	tgtaattagc	acaataaacg	cgcttattat	gcactctaac	atagagcaca	300
ggaatacacg	ctatggagtg	cagccctcat	gtctccacag	gcaagagcta	gagggttaaa	360
caggagccca	tggtgtgaca	gcaggagctc	ggagcgcacc	actctgcacg	tgacttaccc	420
tacactgaga	actgtcaccc	tgtccagtgg	gtggcaggtg	cagtctcata	aacagtgtta	480
tttcttagag	cagagatgtc	agctctggatg	tgagtcgctg	ttacctagaa	ggsattacaa	540
gtcagctcca	tagaaggtgg	gcgttttggt	ttggggctga	gtgtaacagt	gtcccgcaga	600
cacttkcaca	ccgcacccc	tgtgcccag	gggagtgcmc	ttcc		644

<210> 210
 <211> 442
 <212> DNA
 <213> Murine

<220>
 <221> misc_feature
 <222> (1)...(442)
 <223> n = A,T,C or G

<400> 210						
tgaattccc	aggtgcacgg	cactgctgt	tacagggccc	gccacctoga	cagcggtcat	60
tcaggtaacg	gtctcttgg	tctctctgt	caggaatctt	agctgggtcc	tgaaggtctg	120
cacggttgc	ttggacaaag	tctgaattct	cccgggcctt	cacacagcag	gcacggaaca	180
ccagccaca	ctggtagctt	atcatgacaa	tggtttcaca	ggtctgtgtc	cgggccaggg	240
atgcctttcc	cagcatgcaa	cagtggtcgc	acctctttat	gaagatggtc	tcaaggctac	300
tggtgtagct	gtggagcgag	gncagcttt	cttggctcgc	tkggccargg	ttgatgccgc	360
tkgcacagtg	gcagctcttt	ccagtttggt	tgtgacaaca	tttkctcatk	ggrccattct	420
gcacdcctyt	ggattctbga	gg				442

<210> 211
 <211> 496
 <212> DNA
 <213> Murine

<220>
 <221> misc_feature
 <222> (1)...(496)
 <223> n = A,T,C or G

<400> 211						
ggaattccc	tcagctccc	cgggcggtgt	ggagaagcgc	aagctcccg	tctccgagga	60
gtgctctgat	gaggaggcaa	aaggcgattg	tctggagctc	ccgaaagtaa	ggaaggatgc	120

tttgagctgc	ctggaggcgc	catagccagc	gagccactgc	gaatacacgt	tctcogtgtt	180
aggcatcgcg	gcgcgggggca	ggtcaaaactc	cttctccagc	ttgatgcgct	tggagaaggg	240
gctcagcgag	ctggggctac	ccagcagcag	ctttttggac	agaccccccg	aagccgatto	300
gcggggggag	cagccacgac	cattaacagt	gccatcgctc	atcggtctg	actcacccgc	360
caccgagctt	tyatcacaa	tgttcccyaw	ggsccctcsg	ctctggccag	gtggctacsc	420
ttatgctttt	nncccaggac	cttgtggaag	gcctctctba	agtgtctgcat	ggagctgagc	480
accatgcctt	gcatga					496

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<210> 212
<211> 430
<212> DNA
<213> Murine

<220>
<221> misc_feature
<222> (1)...(430)
<223> n = A,T,C or G

```

<400> 212						
ggaattcccg	ttctctgtga	taggaggcag	ccatggcgcc	cagccggaat	ggcatgatac	60
tgaagcccca	cttcacaaag	gattggcagc	agcgagtggg	cacttggttc	aaccagccgg	120
cgcgcaagat	ccgcaggcgc	aaggccccgc	tggcgaaaag	gcgtcgcatc	gccctcgcgc	180
ccgcgtccgg	ccccatcagg	cccatcgtag	ggcgccctac	agtgcagatac	cacaccaagg	240
tcggggctgg	caggggcttc	agcctggagg	agctcagggt	ggctggcgc	cacaagaag	300
tggtctcgac	catcggcgc	tctgtggacc	cgaggaggcg	aaacaagttc	acggagtcac	360
tgaggcccaa	cgtgcagcgc	ctkwaggagt	wyckctecaa	gctcatnccct	gttccccagg	420
aagccytytt						430

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<210> 213
<211> 383
<212> DNA
<213> Murine

```

<400> 213						
gaattcgctt	gttctgtcat	tttctttcct	tggtaaaactc	tctggggatt	ggctgtwtct	60
cagctgtgac	tatagtcaac	tcctgggtcc	cagcagaaat	kgtgaaacaa	cctgcwgcct	120
agccccagct	actacagttc	tctgttttgt	ttctgtttct	agcccgcttc	gatactgaca	180
actggagttg	aagctgcttg	aagtaagtct	gatgctttca	tataagttaa	tttgtaggac	240
tattgtcttt	wrtttttaca	acagaagtaa	ttctgacata	ttaagtggaa	aatctaaata	300
agtatataga	ttatataaca	tgattttaat	tacatkggat	ccaactacat	atgtgattag	360
ataatgtgta	tatgtacata	tgt				383

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<210> 214
<211> 166
<212> DNA
<213> Murine

<220>
<221> misc_feature
<222> (1)...(166)
<223> n = A,T,C or G

```

<400> 214						
gaattcgaaa	tccttatgct	gdnmagagga	aagccagcta	agtttttnwrc	tgtgtttwrt	60
tctaaacgtg	atggtgtytc	tgaggccaaa	aagtacaagg	caagtttnwnc	aattattctc	120

tgcaagaag caaagagaga aataagacm sccagcaatt gaattt

166

<210> 215
<211> 231
<212> DNA
<213> Murine

<220>
<221> misc_feature
<222> (1)...(231)
<223> n = A,T,C or G

<400> 215
gaattcctcc gattcattta ttaggacatg atctctgatg aatctttact tcccaattgc 60
taggcttact agcagcaagc acacctgcac gagstccaac atgggktctg gagatcctac 120
acaggctaac aatttdcnnn vcttctaaaa tgggaattctc acaccaaacc acttacctct 180
tctttgrttt tctgbacaaa gtcaagtcaa cataggacag ggcgtcgctc t 231

<210> 216
<211> 294
<212> DNA
<213> Murine

<220>
<221> misc_feature
<222> (1)...(294)
<223> n = A,T,C or G

<400> 216
ggaattcaag agaaggaag agagagggg agagaaadaa agaagaaag aaagaaagaa 60
agaaagaaag aaagaaagaa aaagagagag agagagagag agagagagaa ataaagaaaa 120
rgetaaamnt ddmwrwvrcet taarmctetta tagaaccaca catcattttt gtttgactta 180
tatcccmctc bgcaatmtca aagtccagtc caacaagagt tccmgtctcg gacacacatt 240
tggtcaggat gatgggtggt artawctvnm tgtgntctgt ctargwcm aa actc 294

<210> 217
<211> 506
<212> DNA
<213> Murine

<220>
<221> misc_feature
<222> (1)...(506)
<223> n = A,T,C or G

<400> 217
ggaattcctc cagggtgatc tggagtggt gataccatag gagaatccaa gtttacaatg 60
gattccataa caatttctaa agcattttctt ccatactggt taaaaaaaaa aaaaaaaaaa 120
aagatgtttt aaccaggctc accatttggg taattttttt gaccaattaa atgctataaa 180
ttataattgt accaaatatt cagaaactat tatttataaa tattcaggac attaatcag 240
accgctatt tgtgcctttt cagacagcag acattcaata tgttaatact tttttaattt 300
ttaataactc atcttgatgt ttccccaaaa ntncaggag tattttccaa aaggaataaa 360
aaaaatgtat gtatagatca tgatagtca aatcctgtct cacatgaaaa taccagaagg 420
caaagtaac aagagcaagc aagtagatg gttagnnhca catcactaga gacacagaaa 480
tgtacctgtt tgtcaaaagt gaattc 506

<210> 218
 <211> 492
 <212> DNA
 <213> Murine

<220>
 <221> misc_feature
 <222> (1)...(492)
 <223> n = A,T,C or G

<400> 218
 ggaattccag aggaaggagg ctcagaagat ggaacgaagg ctgatgagaa gagctctgac 60
 caaggggtcg agaaggtggg agatactgat ggcactggta atcttgatgg aaagaaagaa 120
 gatgaagacc ctcaggatgg agggcccttt nctcaacac tgtccaagtt gaaaaggatg 180
 aaacgggaag aaggaacagg ggcacagag ccagaatatt accactacat cccccagca 240
 cactgcaagg tcaaacctaa ttcccccttc ttactcttta tgagagccag tgaacagatg 300
 gaagggggatc atagtgcaca ctcaaagagt gccccgaga acagaaaaag cagctctccc 360
 aagccgcaag ctgttagtaa gacagcagca agcccagggg cagaaaaaac agtgagttaa 420
 gcttctgagc tgcataaagg agccgctgtg gctggnctt cagagcctgg nggcaaatgc 480
 atgaacmaa ga 492

<210> 219
 <211> 458
 <212> DNA
 <213> Murine

<220>
 <221> misc_feature
 <222> (1)...(458)
 <223> n = A,T,C or G

<400> 219
 ggaattctaa tcatatgtca gagaaatagt aacttcacca taagtgtatg tgaatgagg 60
 aactgtgagc tataaagaag ttatgttaat gtgtgagatg tcttttcaaa aataaagttg 120
 tactatggac aaatactatg tgaactttat ttattgtaat tttttctagt atttataatt 180
 attttataca actttttatg gtttttgctt ttcacttgac aactaggcaa taactctgca 240
 actttcttcc aggtcactta gatattgtca gtacattacg ttcctctagc ttgtacaggc 300
 aacatcaaaa aactcttcga agcattttgt cagatcttca gtattttcca ggtacaacaa 360
 agtgatttat ttattttgta aaacatagtt atatttagta agactgtgtg tnmscmgddg 420
 gtggtaatg aagtacccta tccygtgta tattaagt 458

<210> 220
 <211> 319
 <212> DNA
 <213> Murine

<220>
 <221> misc_feature
 <222> (1)...(319)
 <223> n = A,T,C or G

<400> 220
 ggaattcatt caaacactga aaaccaaatt ttataaacaa ccatacaatc tatgcagttt 60
 gcagattttc ctccctctct tgaataaatt tcagaagcat acacagaggg gtcctacac 120
 taagaaggca ccaggggccc agttttattcc agtttatggc cttttctctg gtcagagggc 180

agccttatca	gcaggcatag	actgggtcaaa	ctagccccgg	aaagmctgct	ttatgaactt	240
caatgacgat	ycatcctcca	aaaangccta	atcaacyacc	gtctccattc	ttttccmaca	300
ctgactagtt	aaacttatt					319

<210> 221
 <211> 221
 <212> DNA
 <213> Murine

<400> 221						
ggaattccag	gctcgagcgg	cgtatacta	ttatatwaat	caaaacattt	atcctactaa	60
aagtatttga	gaaagaaatt	cgtacatcta	wggagctata	gaactagtta	cgcgaaggga	120
aagatgaaa	actaattwaa	agtaagaaca	agcaaagatt	aaaccttgta	cttttgcata	180
awgracttaa	cthagaaaac	ottcttaact	aaargaatta	c		221

<210> 222
 <211> 285
 <212> DNA
 <213> Murine

<400> 222						
gaatthggca	taaatcaaag	ggggtgaaat	taaagcaatc	ctttctgtta	tttctcacaa	60
gtggcagatc	tgtattttgt	ttatagaaga	ctgtagatcc	ttttaaatga	cagacagaat	120
tcttaarrta	ttttaaggca	tggagaggta	aatgacagg	ttgtacatgg	agtaataaag	180
gtatcaaaa	tagaaatatt	aaattatggg	agtggagaga	gagagagaga	gagagagaga	240
gagagagagg	agagatcgac	agagagaata	caacgtttgg	ttagt		285

<210> 223
 <211> 473
 <212> DNA
 <213> Murine

<220>
 <221> misc_feature
 <222> (1)...(473)
 <223> n = A,T,C or G

<400> 223						
ggaattcgtg	acctcactgc	ttagttcctg	gaaagcttgg	gacagacag	ggccttggct	60
agactgtccc	caacacccac	tcctcgccat	gctcagtggt	gggcttgggt	ttcaccactg	120
gggcagcaag	gcaggccagc	ggggcctctc	tgggctctgg	aaacaagctc	tgccacatag	180
ctctgggacg	agtcacatcc	ctggggcctg	aaggagggtca	cggggagggtg	atctttttcc	240
acctctgatt	gagcaagaca	aggccactgg	ggacaactga	acagcacagc	caaactttga	300
aacagagaga	cagggccagg	caaaagtgcc	accctgcccc	cactcttctc	gcgttcbabn	360
ccagtctccc	tgggggagtc	agtgacggga	tctgggggat	gttctctctc	agatgtgttm	420
actggccttt	tagaaatgcc	tcctggggat	tgtgaattag	tagagcagtt	tgt	473

<210> 224
 <211> 342
 <212> DNA
 <213> Murine

<400> 224						
ggaattcata	agaatgacca	aataaaattt	tgggagcaat	aaatgtagga	gaaaaatctt	60
tgggtggggg	tttgggaaag	cttaactttt	taaaggataa	tgtcttttta	aaaagaacat	120

ctctggctct	gactgttgaa	aatacttaag	atatacatatc	cagttttatt	tgcttaaaaa	180
tcaaacagag	aagcaatgct	ttaacagata	aaaacagaag	gtcaaaactag	ggctagagcc	240
tgtaggggaa	agragaaaaag	gctaacctag	kggactcagt	gggtttaact	gaagatagct	300
accacatgca	agatgtwcac	gggcagagag	tttatcctga	aa		342

<210> 225
 <211> 89
 <212> DNA
 <213> Murine

<400> 225						
gaattcgccg	gctgtattcc	cgtcgcgctc	agggacctgc	cgcactcagc	ggccgccatg	60
gcatcagatg	aaggcaagct	tttkgtggg				89

<210> 226
 <211> 283
 <212> DNA
 <213> Murine

<400> 226						
ggaattctct	ccattactta	cttgtctctt	cttagtgagt	ggtaaccgwt	gagtctctaa	60
gagstctggg	gtcatctcag	gagtgtctatg	ctcagcttat	gcattatggc	accggccagg	120
ggtaattttg	ggatgtgtct	gtcccccaga	tcagtgtgag	caccagactg	gtgatcatct	180
caggctccct	ccctctggg	agccccatag	cacctgggtg	ttgtctcarg	gtctttctgtc	240
ttggahtchm	tyccacacag	cctgtgtctc	taggcaggat	tec		283

<210> 227
 <211> 259
 <212> DNA
 <213> Murine

<220>
 <221> misc_feature
 <222> (1)...(259)
 <223> n = A,T,C or G

<400> 227						
ggaattcggg	aatccttacc	atcacacaaa	acttacatca	gtgctgtgaa	atgtaacaga	60
aaatctgggg	atgctcgact	ttkgttattt	ccctgggtatt	ttattaagct	tgagtatggt	120
taatatattt	gtcggcgctg	cattaatctc	aaaagatttag	cacctatatt	ccatggatcc	180
tctcghgctt	tagtccaat	atttttaacc	ngggcatggc	agtaaccacc	ctttaahccc	240
agcacctgag	ggaggcaga					259

<210> 228
 <211> 390
 <212> DNA
 <213> Murine

<220>
 <221> misc_feature
 <222> (1)...(390)
 <223> n = A,T,C or G

<400> 228						
ggaattccca	gactgaggaa	gacccggaaa	ctccggggcc	acgtgagcca	cggccacngc	60

cgcatcggtg	agcaccgcaa	gcacccaggg	ngccgcggga	atgctggagg	catgcaccac	120
cacaggatca	actttgacaa	atatcaccca	ggttactttg	ggaaagtgg	tatgcngcat	180
taccacttga	agaggaaaca	gagcttctgc	ccaacagtca	acctggataa	actgtggaca	240
ttggtcagcg	agcagacacg	ggtcaatgcg	gcaaaaaaca	agactggngt	nmtoccatc	300
attgatgttg	ttcgatcagg	ctactacaaa	gtttctgggca	aggrraaavt	ccctaaagca	360
acctgtcatc	gtgaagccaa	attcttcagc				390

<210> 229

<211> 415

<212> DNA

<213> Murine

<400> 229

ggaattcgga	gaacttcact	tcaatcagct	tccgagggtt	tagggatoga	tgccagtacc	60
tgcaagggtcc	cacaggcttt	ggcaacacca	ctccggcagt	gtaaacagct	tggaaaatgc	120
cctccagggtg	gacccgcggg	gtgatctctc	ggatcaaaac	tggaggccacc	ctcttagagc	180
gcagctttct	gtggacacac	aggaagttga	tctccaccat	cttcttctct	gtgtcataga	240
tgtggatgtt	tgctgggatg	gcaactgatga	acccaaccag	tttccgactt	gagaccactc	300
ggaccccaca	gtgccactgt	gggagccaac	ctggtkgccb	gagagcccac	aagagarract	360
tctdgggraa	tagtogaatc	ggaacatatk	gtcatcatct	tccacggtag	ttttct	415

<210> 230

<211> 273

<212> DNA

<213> Murine

<400> 230

ggaattcttt	tctattaacg	atttcaatct	tcatgaagac	aaagggacaa	taagagatgt	60
catgacccca	acacttaggg	taagcaattt	tgtkgcatt	tgttattagc	tgttcttgaa	120
ttagcttatt	caaattttct	tacaggagcc	aaaaaggagg	gagagacacc	caatttgawt	180
attttaaaat	ttaaacaaag	aagtaaacaa	accygttaaa	akgtttcaca	tagcacagtt	240
tggggaggga	gaacaaatca	ttttctgvcc	ttc			273

<210> 231

<211> 230

<212> DNA

<213> Murine

<220>

<221> misc_feature

<222> (1)...(230)

<223> n = A,T,C or G

<400> 231

ggaattcccc	ggctcgagcn	ngccgctttt	tttttttttt	ttaagcaaaa	atcttggaaat	60
attcttccca	tatcatatat	tttattagac	aatattatga	ttttgtctgt	gtctttaata	120
cccaaggagg	tggtgttcca	ctaactcaaa	accaccagkt	ctttcaetac	ctacaacagt	180
ttagratcatg	ktttaaaacc	cctttctcat	caagrggcag	gacaatttaa		230

<210> 232

<211> 359

<212> DNA

<213> Murine

<400> 232

ggaattcttt	ttttttttt	ttttaaatc	agacaaccaa	gttcattgga	agtgtatgta	60
aaatagaagg	taaccttcct	gcaggagAAC	caaggggctc	tctctgtagg	tagtgccacg	120
ttatgaaac	tatgaaact	gaaaagtac	ctcccttttg	caaagggtct	aagctgtgtt	180
acagatctct	acaagaagtt	taagatgtga	gtgaacgtgt	cctattgtgt	ttctcattta	240
tagccttttc	tatgaactgg	tgtatgtttg	aagtatgagt	ttatgaagtc	tcctttgtgaa	300
cctggacttt	tatttctaaa	gtttgaacyk	gtgtgacact	agagkttacc	tgaatacaa	359

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<210> 233
<211> 362
<212> DNA
<213> Murine

<220>
<221> misc_feature
<222> (1)..(362)
<223> n = A,T,C or G

```

<400> 233						
ggaattcccc	gaattgtaaa	taacttcata	ttgggatctg	cattaggtgg	agggtctctc	60
tgcatgtcta	ttcttgacac	agactgttgg	cttatgtctt	ttatggttcc	acctcctttt	120
tycaatgata	agtcacagtt	tcaccagtgg	cacaatgaaa	ttaaactcct	ggngtccacc	180
cgggggcccc	atattccagt	ttccttgacc	tctacctcgt	cctcgaccac	caggtcccg	240
tcacacagga	ttgccagcct	gaacacttcg	tagaaggtct	gtgattattt	ctgcagcgtg	300
ctgacacctg	tytgaggtgc	ctgttttatct	gtgccatwcc	tawtcaggtg	ttgttccatc	360
at						362

```

<210> 234
<211> 217
<212> DNA
<213> Murine

```

<400> 234						
gcggttaggc	gagcagcgcc	tgctgaagc	tgccggcatt	cccgatcaga	aatgagcgcc	60
agtcgtcgtc	ggctctcggc	accgaatgcg	tatgattctc	cgccagcatg	gcttcggcca	120
gtcgcgtcag	cmgcscccg	ttgttcctga	agtgccagta	aagcscccg	bgctgaaccc	180
ccaacogttc	vccagtttgc	stgtsgtcag	accgtctc			217

```

<210> 235
<211> 325
<212> DNA
<213> Murine

```

<400> 235						
gaatcccgcc	ggaccagccc	ggcagaatgg	ctcccgcaaa	gaagggtggc	gagaagaaga	60
aggcgctgtc	gcatcaaacg	aggtgggtgac	ccgagaatac	accatcaaca	ttcacaagcg	120
catccatgga	gtgggcttca	agaagcgtgc	tcctcgggca	ctcaaagaaa	ttcgggaagt	180
tgccatgaag	gaaatgggga	caccagatgt	rcgcattgac	accaggctca	ataaagccgt	240
ctgggccaag	ggaataagga	acgttccata	tcgcattccga	gtacvcttgt	ccagaaaaay	300
gtaatgagga	tgaggatccc	caaac				325

```

<210> 236
<211> 521
<212> DNA
<213> Murine

```


<210> 240
 <211> 200
 <212> DNA
 <213> Murine

<400> 240
 gctggcgcggt attcttttaht cactgataag ttggctggac aatattatgt ttatcagtga 60
 taaagtgtca agcatgacaa agttgcagcc gaatacagtg atccgtgccc cctcggaact 120
 gttgaacgag gtcggcgtag acggtctgac gacacgcaaa ctggcggaac ggttggggggg 180
 ttcagcagcc ggcgcgcttt 200

<210> 241
 <211> 477
 <212> DNA
 <213> Murine

<400> 241
 ggaattcggc aaacgctcaa ctactgagct acagtcctgag ctacagtataa tttttaagga 60
 ttttaccat gcttcaaatgc tgttgcttga tgttactact tatcctggta tagatgggtga 120
 aaattttcag atatgtggat ttttatcatt aacatggaaa aagaaaatta gttttaaaaa 180
 gttatggatg tgtctgtgta gcaggtgcat gcattgccta tggagthcag atgtgggtat 240
 caaagtctct gtaagtggag ttacagattg ttgtgaaact tcatgagaat acttggaaact 300
 gacactgggc cctgggaaga gcaagcagta ctcttcaact ctgagccatt tctccagaca 360
 gcaacatcct aaacmggtat tctggaatcc cacacccta gtcataattt cagttaggct 420
 aaaagattca ctcatacttt ctctctttat acaggaatct gtgtatctct gtacaga 477

<210> 242
 <211> 535
 <212> DNA
 <213> Murine

<400> 242
 ggaattcacc ctttcaaat ataactatc tgatagaggt attttaatat acatgctttt 60
 aaaaaa caaaaaacta ctgtcagtat gaatactgag ccagactggc atatatagat 120
 ttaacatctt gtccactata gattcttaac tgtataaaaa taatatggct ttagacata 180
 taggatacta atttcaatga gacccttacc tctttattga acattatgtt agggacagta 240
 aaagccatgc acttaccctgc taccctattgg aaaataaaac gactgtcccc aacctaaagta 300
 agtatgaaaa ttaggcttagc cttattttcat cttaaactac taaaagtaag tctatagaac 360
 ttaaaattta agcaactatta gttgtcatgg ctatatttta ttttccaaaa attaaagttaa 420
 aagtcattaa tgtcattgat tatatacatg tatgtttttc taataatata aatacctttc 480
 aaatccatgg aatgtctggc tttttaaattg aatttgacct ttygcgcygt atttt 535

<210> 243
 <211> 364
 <212> DNA
 <213> Murine

<400> 243
 ggaattcttc tggctcatgg caacattatc aactggctgc tggctgcata cggactcatc 60
 atgcgcccca atgactttgc ttcctacttg ctggcaattg gcatctgcac cctgctgctt 120
 tatttgcctt tctacatcat catgaagctc cggagcgcca gaggatcaag ctcatccctc 180
 tgcctctgat cgtctgcacc tccgtgtgtc ggggctctgc gctcttcttc ttctccagg 240
 gactgagcac gtggcagaaa acccccgcag agtccaggga gcacaaccgc gactgcatty 300
 ctctcagact tctttgatga ccacagatc tggaacttcc tgtctcccat tgcctatgtt 360
 gggg 364

<210> 244
 <211> 600
 <212> DNA
 <213> Murine

<400> 244
 ggaattccac acatgcactt actcatgcat gcatgcacaa acacattact actgatacag 60
 atgtcagtat tcccagaaag agagttcaaa agatattatg actgtattcc acgtattcaa 120
 aaatatcagt tgaataagac taaaattaag cttatagcaa aaaactacac atagtgtaac 180
 aggaagaata caagaagttg acagcaggct atactatgtc acagggttgg gaccatggag 240
 acagtgactc ctgacagta ggaagtgtgc tgagtgaatc actgagacaa actctctttt 300
 aatgggcaga acatccgtga acttccctta accaaaataat atatagttgg aaaagtcaaa 360
 gaaaaaagaa tacctagaaa agtaatatct gaaaaatttc caaattttgt acaaacctatg 420
 aatccatata ttcaagcaca agaatcaaaag aaagaattac atttaagatt ctaaaagatg 480
 attagaaga gaaaattata aatagttatg tgttatttaa aaaaaaaat ctatgacgac 540
 taaggctggt ggtatatacc ttcactcctt gaactcagga agccbaggca ggtarggtgt 600

<210> 245
 <211> 325
 <212> DNA
 <213> Murine

<400> 245
 ggccggaggt ctttatcact gataagttgg tggacatatt atgtttatca gtgataaagt 60
 gtcaagcatg acaaaagtgc agccgaatac agtgcactgc gccgcctgga cctgttgaaac 120
 gaggtcggcg tagacggtct gacgacacgc aaactggcgg aacgggttgg ggttcacgac 180
 ccggccttta ctggccttca ggaacaagcg gcctgtctga cgcactggcc gaagccatgc 240
 ttgcggagaa tcatacgcac tcvtgcccga gaggccgaaga cgactdgcgc tcatctctga 300
 wcgggaaatc ccgacyytca ggcag 325

<210> 246
 <211> 239
 <212> DNA
 <213> Murine

<400> 246
 ggaattcgta agaacaagca aagattaaac cttgtacctt ttgcataatg aactaactag 60
 aaaacttcta actaaaagaa ttacagctag aaamcccgaa rmcaaacdag ctacctaaaa 120
 acaattttat gaatacaact gtctatgtgg caaaatagtg agaagatttt taggtagagg 180
 tgaaaarctt aacagcttgg tgatagctgg ttaccaaacm tgaatttaar ttcaattttt 239

<210> 247
 <211> 377
 <212> DNA
 <213> Murine

<400> 247
 ggaattcgtc ttgtctggac aaaaatggtt ggtttaaaag gccaaaagaa gtgctggtag 60
 aaatgagagt actaattagc ctccaaaaag agactgttct cattgtcttt gtacctcagc 120
 catagcctgg tgcactgggc acatggtcag tgtctcagaa aatgtttgtt gaatgaagt 180
 tgtttgtttg ttgtttgttt ttgttgaaat ctggaaatta ttgtttgaac acaaagacac 240
 ccagcaccta ctgggtgctc actgtttgtg gagactaggc ctgghhvctg ggcagtaggg 300
 acagctcatc ttgctaatta aggatttttt tgcaattccv ggcgatttac aaggcacttt 360
 cttgtgagtt atgtagt 377

<210> 248
<211> 452
<212> DNA
<213> Murine

<400> 248
ggaattcccc taatctccat taacgaaaat gacccagacc tcataaaaccc aatcaaacbc 60
ctagcattcg gaagcatctt tgcaggattt gtcattctcat ataataattcc accaaccagc 120
attccagttcc tcacaatacc atgatttttta aaaaccacag cccctaattat ttcagtatta 180
ggattccttaa tcgcactaga actaaacaac ctaaccataa aactatcaat aaataaagca 240
aatccatatt catctctctc aactttactg ggggtttttcc catctattat tcaccgcatt 300
acacccataa aatctctcaa cctaagccta aaaacatccc taactctcct agacttgatc 360
tggttagaaa aaaccatccc aaatcacct cawctcyttc acacaaacat waaccacttt 420
aacaaccacac caaaaaggct taattaaatt gt 452

<210> 249
<211> 499
<212> DNA
<213> Murine

<400> 249
ggaattcgaa aaaacaaaaa aattctgcac gctcagatgc acagactaag actgggtaac 60
ataagccatg caattgcacaa cgtgctaccaa taatatatag tatagtgcagc attgtcatca 120
catgacagta ttcagtgcaa tagttatgta agattttactg aattgtaagc aattggatg 180
catataggat atatttgatc agttttctta catttagcat atttatatta ccatcttat 240
ttgtgttatc tctaattgtt cattatggct cgagccttat aaattaatgt cactcacaaa 300
ttctattatg ggaaaatagc cgtatgctac ctgctaatac ttaccaaaatt agtatcttac 360
ttcaaaagat gttttgctaa aattttaata aggaatatgc atgctatatt ttctaatttt 420
aatttatgtg gaacaagtca acataattta tatgarttta aatctccaga tacttcagaa 480
attggtgtctt gtacacgtc 499

<210> 250
<211> 399
<212> DNA
<213> Murine

<400> 250
ggaattcagc agagcacact cccaagtgcac cagatttaac acagtagcga ctatttgcac 60
ttacaggagt ttcaacaat ctgaaaaaag atcaactgtt gaagatctgt aggtatgttta 120
caaaaaccac tggagtctct gtacaacagt atgcgttctc agcaaaaacca acaccaggag 180
atccgcatgg caactgagta accgatccac tccgcgcaac ccaggggcag gtctccgtga 240
gctctaaagt gtcttataca aaagttaagg caaagtcatt ttcaagtta aataaaattc 300
aagtctttta atatttgat ggaaataatt ttttttcctt agaaaaaaaa aaagrraaaa 360
gaaacaaaaa caaccttcag tctcattaaa wagcatttt 399

<210> 251
<211> 183
<212> DNA
<213> Murine

<400> 251
ggaattcggt ttatcttaaa atcatatggt taaggcagta agacactaaa ccaaaaacaa 60
aaacaaaaaa caggagacatt ttaacaactc aactccatt gttctctgtg gcattttattc 120
agcaagcaca tggaaatagc aaamgagaat ctacaatagc tgtcccaaat gcaattacac 180
atg 183

<210> 252
<211> 396
<212> DNA
<213> Murine

<400> 252
gaattcggtt tatcttaaaa tcataatgtt aaggcagtaa gacactaaac caaaacaaaa 60
aacaaaaaac arrracattt taacaactca actccattg ttctctgttg cattttattcc 120
agcragcaca ggaatatgca aagagaatct acaatgctgt cccaaagcaa ttacacrtgg 180
aaagwtacc aatgcagggc tggggtttga aagccaaagt gttagtgmag awacagagct 240
tgacacctag caagragara cgagtttgga gcsttggtgc tcaagtmgtg aaagattgaa 300
mtmtttgaag tmgttcatta gtcaccaaag gtcactatgm aatagttgcr acttttagtg 360
taaactctgt tggggagttt ttatagcctt tggcag 396

<210> 253
<211> 407
<212> DNA
<213> Murine

<400> 253
ggaattcccc ccttttacca gtggatggac acagagaact tcgtgttgcc tgatgacgat 60
cgccgttgga tccagcaact ttatggaagc aagtcagggt caccacacaa gatgccccct 120
caaccagaaa ctactctctg gccctctgtc ccagataagc caaaaaaccc cgccattggg 180
cccaacatct ctgacgggaa ctttgacacc gtggccatgc tccgaggaga gatgtttgtc 240
ttcaaggagc gatggttctg gcgggtgagg aataaccaag tgatggatga ataccacatg 300
ccatttgccc aattctggag gggcctcctg catccatcaa tactgcctac gaaaggaagv 360
mhcaaatgtg tcttcttcaa aggagataas actgggtggt tgacgaa 407

<210> 254
<211> 354
<212> DNA
<213> Murine

<400> 254
ggaattcccg gctcgagcgg cgcctttttt tttttttttt ttttttttaa tcattaaggt 60
aattttatta atatagatat ctgcagatca agtgaatggt actaatgaat agttttggtg 120
acctcacctc ctcatgtata acactgaaga ttcttccact ccatgttccac tccagactct 180
cagttttaaa gcaagcatca cagaatacca ggctcttaca gtgatcgagg gcyagagctc 240
ttacacaaag ccatactcca cmhgtcgaca gttcttttag taatacatat agactatca 300
gataactcat tccaacaaca aaaaattahh cattatgtca accaattgcb ccat 354

<210> 255
<211> 575
<212> DNA
<213> Murine

<400> 255
ggaattccag agagcacact cccaagtgc cagatttaac acagtagcga ctatttgcat 60
ttacaggact tttaacaact ctgaaaaaag atcaactggt gaagatctgt aggtatgtta 120
caaaaaccac tggagtctct gtacaacagt atgcgttctc agcaaaaacca acaccaggag 180
atccgcatgg caactgagta accgatccac tcccgccaac ccaggggcag gtcctcgtga 240
gtcttaagct gctctataca aaagttaagg caaagtcatt ttcaagttta ataaaaattc 300
aagtctttaa atatttgatg gaataaattt ttttcoctag aaaaaaaaaa agaaaaaaga 360
aaccaaaaca accttcagtc tcattaaata gcattttgtg gaataagctg tatggttaca 420
tatagcagga aatagtttaa tgtctgctgc ttagaataact taaagaaaaa tcttaggcgt 480

tttaaaccaa aataatttat ctgtaacttt attatgaact tgctaacttg actgcactct	540
cgctcctcag aagtgcgcgt tctgacaatc tagga	575

<210> 256
 <211> 588
 <212> DNA
 <213> Murine

<400> 256	
ggaattcccg gctcgagcgc cgtttttttt ttttttttta aatgccatag cagtagtagt	60
tggtgtctgtt ggtggcacac acttttaatt ccagcgcttg aaaggcagag acaggaggat	120
ctcttgagtt taaggctagt ctggtctata ggctgcaag gacttgagg gaaataaaag	180
gtcactacaa gccatttctt attttaacca atagcattaa attgtgccta tagtgattct	240
tagttgagac attgttcaga atgacttcac tctgtatgct tttgcctatg tctgtgttgt	300
atgcattaaa tattttgagt gacaatcttt tagtaattat attttttoca cagaataata	360
aaatatagga atcttaagca gtgtatgtaa caatattttc cttgacgtag acagcacata	420
cttttaaaat acaacttagg caagcaaaaa cttttgtact taataattta atgaatagaa	480
gttagttttg ttttttagtct taagggtgaa aaggtaactc aggcttttaa gcaagacmgc	540
accaagtgcg agctgtgatg tscacgcagt gtaactcttc cccacccc	588

<210> 257
 <211> 205
 <212> DNA
 <213> Murine

<400> 257	
ggcgcggatt ctttatcact gataagttgg tggacatatt atgtttatca gtgataaagt	60
gtcaagcatg acaaaagtgc agcgaataac agtgaatcgt gccctggac ctggtgaacg	120
aggtcggcgt agacggtctg acgacacgca aactggcgga acgggtgggg gttcagcagc	180
cggcgcttta ctggccttca ggaac	205

<210> 258
 <211> 249
 <212> DNA
 <213> Murine

<400> 258	
ggaattcgtc gagcgcgcgt tttttttttt tttttttttt ttttaacata agcaggcatg	60
gtggctcagg cctgtaatcc cagaatgtgg ggctgcaata gcatgtcact gtgacttttv	120
vccattttca aaaatccact taaaccatcc ccaaaacgag tgtgagagag gattacagat	180
aactaagtaa aaaatgtcag tggtcaccgt tatctattcc tgggtcagaa cgggcacgtc	240
catgaaggc	249

<210> 259
 <211> 389
 <212> DNA
 <213> Murine

<400> 259	
ggaattccaa cggttgaaaa cttctggatt agagatttag agctgtgctt ctggcaactg	60
tgttcttcca tgggtgactt ccagctaaac agcactgatt ctgtccctg tcatgtcaga	120
tactgcaggg taactcactca ccacagtaaa gtcattgctt caaaacacct cacagctact	180
caaaggcaac ggcaaacaaag ccccaaacat ctcatggcta tattaacctg gaattctgtc	240
acgtcaggag catctttata gacaaaaacaa tgtaaaactt aggatttaac aacacagtac	300
tggtgtcagc ccacgaatct taccatcat cccagaagag accagcacca agggtcagag	360

gatggaattt kccatacaag atgagggac

389

<210> 260
<211> 228
<212> DNA
<213> Murine

<400> 260
ggaattccgc atgctgcttg gaagccttgg ctgaaacvct accacagcca gacctacggc 60
aacgggtcca aatgtgatct caacgggaag ccccgagaag ctgaagtctg gttcctgtgt 120
gacgaggggt cvggcatatc tggggactac attgaccgag tagatgaacc cgtctcctgc 180
cctactgact gaccattesc acgtcaagvc tctgcgcgat cctctcct 228

<210> 261
<211> 429
<212> DNA
<213> Murine

<400> 261
ggaattccgc gcaacacctt aatcttagca cttggtaggc agaggcaggt agatttctaa 60
gtttgatgcc agcctgatct acagagtggg ttcaggagca gccaggggcta cacagagaaa 120
cctgtctcca aaaaaacaaa acaaaaaaca aaacaaaaaa aagtatgggc aaaagagaag 180
aaaaatatcc cggaagaagc aatataaaga atgatgttcc ctttgactga ggggctttgc 240
atattacagg gataccggcc tgagacagct gccccaagac agggacagcg agcctccta 300
gagtcacact gttccaagtc ccagagtcac cccctatvyc tcgatatgtt acccttaaca 360
cmkgtttgta aatggccagg catwtgacaa accagggaagaa taagtctata atgaggaaga 420
aattgttcc 429

<210> 262
<211> 493
<212> DNA
<213> Murine

<400> 262
ggaattccctt ataattaatt agaggtaaaa ttacacatgc aaacctccat agaccgggtg 60
aaaatccctt aaacatttac ttaaaattta aggagagggt atcaagcaca ttaaaatagc 120
ttaagacacc ttgcctagcc acacccccac gggactcagc agtgataaat attaaagcaat 180
aaacgaaagt ttgaactaagt tatacctctt aggggttgta aatttctgyc cagccaccgc 240
ggtcatatcga ttaaccacaaa ctaattatct tcggcgtaaa acgtgtcaac tataaataaa 300
taaatagaat taaatccaa cttatatgtg aaaattcatt gttaggacct aaacbaata 360
acgaaagttaa ttctagtcac ttataatacc cgacagctaa gaccacaaat gggattagat 420
acccactatc gcttagccat aaacctaaat aattaaattt agcraaaact atttgccmga 480
gaactactag cca 493

<210> 263
<211> 370
<212> DNA
<213> Murine

<400> 263
ggaattcggc caacacgca ggattacatc ttcttcagtt cctagagtcc tctagaagcc 60
tatagaacaa gacggcaagc tctctgggct tgctctgggg tttttgtctg tgttttatgt 120
tgtcttgtgt gttttattaa catcagtgct tcttaagatc caggaccagc ggaggtcttt 180
tcacatacat ataccaggac tcttgggtac tactgtcagt cttggggaag caggctcttc 240
catcggcaac caaatccatg tagcactccg aahccttggt tagtctctatg acctaaatag 300

ttaaacttca gaaaaatggtt tcaacagatt tcystccgag tgggttttgaa attgcatttg	360
tatttgcgtg	370

<210> 264
 <211> 338
 <212> DNA
 <213> Murine

<400> 264	
ggaattcggtt ttgtgttttg ttttgttttg ttttgttttg ttgttttgtt tgagaaaggg	60
ttctctctggc tgtctcgaa ctcaactctgt agaccaggct ggccttgaac tcagaaatcc	120
gcctgcctyt cctcccaagt gctggaatta agcaccacca ctgcctggcc tctttttttc	180
ttctgaaggg ttttccctcc cctcttccct ccatcaccca ctgatctcta gcagcaatcc	240
ttcttccctg ttcttctgtt cctcttygga gaggatctca cccttctgaa gaaaggaggc	300
ctgcctctgc ctcccaagt ctggaagaat tccaccac	338

<210> 265
 <211> 394
 <212> DNA
 <213> Murine

<400> 265	
ggaattcgaa gtctgaagc attttagaca ggagactgag aagtactgaa gaatggccta	60
tacagagttt agagcactag csgtagcgta caagactgag ttcrgttctc agcaccaaga	120
aataaaggtg tcagtsagag taggattatc aagctcttgc tcttgaccga gcacttgtcc	180
cgaccaaacac cagtgacaaa cactgagctg ctgagccttg ttggtgarcc ctccckckcc	240
cccctctctt ccattccttg ctttggcttg ctttttgaaa gcttggaact aagtcctaca	300
gatcctctct tctgtcagct tctcttttgt cagagtgctc tctgtgcttc tggctgcctc	360
cgttccctcc tcaatctctc ttctttcatg ttcc	394

<210> 266
 <211> 442
 <212> DNA
 <213> Murine

<400> 266	
ggaattccta tagacacatc atgacaagca tgcccacagg gtactaaget ttccggccta	60
taaaaactag tgcctataac tgtgttgcc tggctcttagc agtcttctac atttggtaat	120
taagttaagt gaagggaatt gcaccagct caacctccaa atgaataaat ttgtgtcaca	180
tatcttagca gctcttagca atcagagctc agggagtgat tacagagcaa gcgctgtgtc	240
ttcatctctg tgcctctgcc cttaggtcca aaagaagagg atgagcgccc ttwggcttct	300
gcgcctgadc agccagccct cwtmcagag gtggttaacca ggaatgcagt yccacaggtg	360
ggccatccct ctccagcct gcgagtcaca gccaggkgca gatgggawac aagaagtcac	420
agactgtgag gtcaacaata tg	442

<210> 267
 <211> 341
 <212> DNA
 <213> Murine

<400> 267	
ggaattccaa tgattttgca attacaacaa tcagtcttcc aatttttrcc gatgaagggg	60
ggaactcttg gaggcaggag ctctggacct tatgggtgtg gaggccagta cttcttaaac	120
cacggaacca aggtggctat arcrgttcca gcagcagcag tagctatggc agtcgaggag	180
ttctaattac atacagccag gtaagtctct ctttgtgtgt gtttdctaaa tgttataaatt	240

gaaccacagta	acccaaatgt	agctgagcag	tacaacatag	ttaacattat	aatttcagta	300
aatgggtgga	tgttaagtta	atatgcagtt	cgcgcaaat	t		341

<210> 268
 <211> 376
 <212> DNA
 <213> Murine

<400> 268						
ggaattcctg	agccagagcc	agaagacctc	aacactgtct	cagaagatgg	agacgccagc	60
ttagaagatc	tggaacctga	agcagacgaa	gtccacgat	ccatcttggg	gaagccagac	120
ttggattccc	aagatctgga	tcccatgtct	tcgagtttcc	acctcgatcc	tgatcctgac	180
gtgattggcc	cgtgcccact	agttctcgac	ccaagcaatg	acacccccag	ccctgctgct	240
ccagatagtg	gattcccttc	cttctggggc	tcaactgccac	ccccgaaaat	cttggggccac	300
cagtcacgag	gtgcttctctg	cccctgccag	tccacctcgt	ccgttctctt	gtgctgattg	360
tggggcgagcc	ttccgt					376

<210> 269
 <211> 322
 <212> DNA
 <213> Murine

<400> 269						
ggaattcccg	gtcataggct	gggaggaagc	aacagcgaag	gtcaggaaca	gaggcaaaac	60
actttccacg	aattccctct	tcatctgcac	agcaacagtc	tactagcatg	gaagtgcagg	120
ctaggtgcac	tctggtccat	ctacagtcgc	gttacctagt	tactccctct	ccccgccaca	180
cacacacaca	cagcttgagat	gccggcaggt	aactgtttcc	taagacatat	gggtgtcatt	240
tgtgcacctc	agccttgctc	aggaacaccc	tatgtvgggc	tagacacatg	gggcactcac	300
actagcaaa	ggcctgtgat	tt				322

<210> 270
 <211> 387
 <212> DNA
 <213> Murine

<400> 270						
ggaattcgaa	ggacttgcca	cattcttcac	acttgtaggg	cttccctcct	aaatgaatta	60
tctgatgatt	ttgaaatact	tctttcccac	caaagatggt	gccacattct	ttgcacgtat	120
agcattttcc	ccctgggtgag	taagagttga	gaaatgatga	aaacactgcc	aaaatctgta	180
tatctatact	gatagttttt	taaaacaac	atttactcct	atttgcaattg	gtctgtatta	240
atgagatgct	atattcaatt	ttctgtacct	gtattcagtg	aactacaatt	taaaaacacag	300
gataagtga	agtcacgtag	actcctctga	acaaagaaga	caatggcmac	atagaacaag	360
ggagggrata	gaatattaaa	taaaatc				387

<210> 271
 <211> 103
 <212> DNA
 <213> Murine

<400> 271						
ggaattcccg	gcacaatgga	aaaggagata	gaaagcrrc	acctctgggg	aagaagcata	60
acctcttaaa	acagactaaa	tvgcagggcc	achctgtgaa	gat		103

<210> 272
 <211> 527

<212> DNA
<213> Murine

<400> 272

ggaattccaa	cttgtattta	aaattcagtg	agcattgact	gtgtgccttc	tgtatacagt	60
taagaccagt	tttgggtgtg	ctgccatgac	accagagggg	gttgggtggc	ttgggtgggt	120
gggtgcttag	taattgaggtc	agagcgactg	ataaggcaaa	agtaaaagaa	gcaaaactaa	180
gtatagagaa	ggggtaggca	ttoaaccctc	agaggacctt	gatttaagtc	cccatttata	240
gagagtacca	tcttgagaga	ccttgcaaa	ggctttgtgc	tgcggttcaa	tggtattgtt	300
tctcttgtag	actgcatgcc	ctcagcatcc	cgttaaactg	ccaatcatgt	ctctcagcta	360
tgctcatctc	agcccggtga	tagatagcct	accagctttc	ttctgtctgg	aacttgccta	420
ctgagctgga	ccagtcatac	catcccgatt	cccactgact	actactgtgc	tctgcagtca	480
cccaggtgag	tacttagcac	agatctatct	ttgtaattgt	tttttaa		527

<210> 273
<211> 325
<212> DNA
<213> Murine

<400> 273

ggcgcgaggt	ctttatcact	gataagttgg	tggacatatt	atgtttatca	gtgataaagt	60
gtcaagcatg	acaaagtgtg	agccgaatac	agtgatccgt	gcgccctgga	cctgttgaa	120
gaggtcggtg	tagacggtct	gacgacacgc	aaactggcgg	aacgggtggg	gttcagcagc	180
cggcctttac	tggtcacttc	ggaacaaagc	ggcgctgctc	gacgcactgg	ccgaagccat	240
gtcgcgaggt	aatcatatgc	attcgttccg	agagccgacg	acgactgggc	tcattttctga	300
tcgggaatcc	cgagcttca	ggcag				325

<210> 274
<211> 431
<212> DNA
<213> Murine

<400> 274

gaattcccg	gtcgcagcgg	ccgttttttt	tttttttttt	tttttcaaat	taataatacat	60
tatttttatta	caaattttaa	aaaaaacaaa	aaaatgcaac	atccataaaa	aaattttttac	120
tgtaataaca	aattcctatg	aagttttttt	ttttgtctagc	ataagaaatt	aaagaaacca	180
ttaaatattt	agaaacattc	aaatcaaaa	gctttaaatc	taactgtagt	tgtagccctt	240
gaaaaagcta	caaatctctc	ttaaaaagta	ttttctctac	aaagaatctc	atcagctata	300
caaaaaatctg	tacagttttt	atactgavgc	taattgttga	ctgcacttga	ttttcacatt	360
cttagcaaaa	taattgcctg	agcaaatata	ctccacactt	taggacagcc	acttattctt	420
catctctctc	t					431

<210> 275
<211> 419
<212> DNA
<213> Murine

<400> 275

ggaattcccg	gtcgcagcgc	cgcttttttt	tttkgggggg	cttactccag	cgatgtctat	60
tagcagagac	atgggcccag	gaagggtgat	ggatcacagc	aggggtggga	tatcagcttc	120
aaagtgcaga	gctttgtctc	gaatctcagc	agggactgag	acaaagctct		180
tcctttcaag	ttggcatggc	aatcaactgt	gaatcaggt	tccccgggcc	ttctctctca	240
acaaaggtac	cagcctcctc	caactgggtc	tccactcagc	cctgtagaa	aagtbctgac	300
agtattaaat	tctactcttc	cctaagacc	caggaggtcc	tcacgtgca	tagatgtgcc	360
atctgttctt	gagaaaccaa	agcactttgt	agtccttcaa	cccataatac	ttacagtat	419

<210> 276
<211> 360
<212> DNA
<213> Murine

<400> 276
ggaattcgct tgacaacctg caggcaggct ctgggaggcc gagacatcgg cgaagagaa 60
agagagtcgg cggggacaga tctcaagacc agagaatggc aggtgaacag aaacctctaa 120
gtaacctctt ggagcagttc attttattag ccaaggtac cagtggtcca gccctcacca 180
ctctcataag ccaggtgcta gaggctcctg gagtttatgt ttttgagaa ctgctggagt 240
tggccaatgt tcaggagctt gcagaaggag ctaatgcgg tatttgcagt hctgaacctg 300
tttgctatg gtacatccc ggattacata gccaacragg agagcctgcc agaactgagt 360

<210> 277
<211> 337
<212> DNA
<213> Murine

<400> 277
gcgktagggc agcagcgect gcctgaagct gcgggcattc ccgatcagaa atgagcgcca 60
gtcgtcgtcg gctctcgcca ccgaatgcgt atgattctcc gccagcatgg cttggggcag 120
tgcgtcgcag agcggccgct tgttctcgaa gtgccagtaa agcscggcgt gctgaacccc 180
caaccgttgc ccagtttgcg tgthgtcaga ccgtctaccc gacctcgctc aacaggtcca 240
ggcggyagcg atcactgtat tggctgcaac tttgtcatgc ttgacacttt atcactgata 300
aacataatat gtccaccaac ttatcagtga taaagaa 337

<210> 278
<211> 334
<212> DNA
<213> Murine

<400> 278
gcggtagggc agcagcgect gcctgaagct gcgggcattc ccgatcagaa atgagcgcca 60
gtcgtcgtcg gctctcgcca ccgaatgcgt atgattctcc gccagcatgg ctcggggcag 120
tgcgtcgcag wgcggccgct tgttctcgaa gtgccagtaa agcscggcgt gctgaacccc 180
caaccgttgc ccagtttgcg gtygtcagac cgtctccgac ctgcttcaac aggtccaggk 240
cgcaacgatc actgtattcg ghgcaactt tgcattgctt gacwchttat cactgataaa 300
cataatatgt ccaccaactt atcagtata aaga 334

<210> 279
<211> 419
<212> DNA
<213> Murine

<400> 279
ggaattcccc ggctcgagcg gcgcgttttt tttttttttt ttttaattaa ataaataccc 60
cgctctctcc tccaccgctt tacgttctcc ctcttcccgg aacatcccac ccattccctg 120
ctagaccctt accccagaa taaataaaat gcctgtttta cagcagacca cactcaatc 180
caaattctgg gaaaactata aatactgtca ctgctcgggc ctctctgcct tctgactctg 240
ctccggaggg agccacattc cctccctccc gttgactggg caaggatggc agagggcctg 300
aggcactggc cttbgagagt gcgaatttag ccttgggttc tccacctcct gctcaggagt 360
aggtcagaag ggcgccagaa attccctcag actaaaataa atagcaaaat aaataccct 419

<210> 280
<211> 141

<212> DNA
<213> Murine

<400> 280
ggaattcgca ggtcgccggc gagccgcgtc cggagcccg cgccgagcvg gcctggggag 60
gcgaggcgca caccgccgbc vggcccgaggc bttcccgcc ggtgaatcat cccgcgagca 120
gcgctcccg cagtccgtg c 141

<210> 281
<211> 150
<212> DNA
<213> Murine

<400> 281
ggcggattct ttatcactga taagtgtgtg gacatattat gtttatcagt gataaagtgt 60
caagcatgac aaagtgtcvg cgaatacvg tgatcccmcc gccctggacc tgttgaacga 120
ggtcggcgtg gacggtctga cgacacgcaa 150

<210> 282
<211> 265
<212> DNA
<213> Murine

<400> 282
gaatactttt atttagattt tattcataaa ttaagttgag agcvmittatt tgtaasghvg 60
ctctatttcc ctgtctcttt cgtactggga gaaatcgtaa atagatagaa accgacctgg 120
attvmmccgg tctgaactca gatcacgtag gactttaaam cggtgaacaa acgaaccatt 180
aatagctctc mcaccattgg grtgctctga tccmacatcg aggtogtaam mcctaattgt 240
cgatatgacm tctaaatag gatta 265

<210> 283
<211> 362
<212> DNA
<213> Murine

<400> 283
ggaattccgg agtctccatg ctatgtccca ggtgattcct ccacagtaaa acggggagac 60
ctctgggttg gagagtcagc gctgggtcact cttcattcac ttgcaggag cctcaagggt 120
aacagagctg ggcttctgtg agcagcatgg cctgggaatgg gggttggcat ggtcagcgta 180
agatggtcga gaaggtggat ctaaggaccc ttctagcat ggggcaggaa aatagagggtg 240
gtcccaactg ggccttgagg ccctagaggg ttaagtgcgb tctcacagga accaaggcca 300
agycgtggcc acagtttdaga gacattccac aaacctgat ccaatgawte aagctataag 360
cc 362

<210> 284
<211> 392
<212> DNA
<213> Murine

<400> 284
ggaattccac kachagggga cttgttggtg gtccctctct atctgaatct cataactcaga 60
cacgtcccca ctgctccccc gatctgagtg cccctcttcc tgcaagcggc tccgaagggc 120
tttgtgtggg gttgtctcca tccgaagatc actgctgact ggaggctgcc gtacctgagg 180
gcagtagcga ggggagattt caacaggatt ggtgaagaag ctgccattct tcaccacatc 240
tgttgaatc tccctctcta tctgaatctc atactcagac acgctccacc tgctcccccg 300

atctgagtg	ccctcttct	gcaagcggt	ccgaagggt	ttgttgggg	ttgtctccat	360
ccgaggatca	ctgctgtccg	aacctcccc	gt			392

<210> 285
 <211> 382
 <212> DNA
 <213> Murine

<400> 285						
ggaattcgtg	tgcttgagc	tttactaaag	tttctttagt	gaatgtggct	gctcttgtat	60
ttggagcata	gatattcaga	attgagagtt	ccctcttgag	gattttacct	ttgatgagaa	120
tgaagtgtcc	ctccttgtct	tttttgatga	ctttgggttg	gaagtcaatc	ttatcagata	180
ttaggatggc	tactctgtct	tggttcttca	taccatttke	ttggaaaatt	gttttccagc	240
ctttcattct	gaggttagtg	ctatcttttt	cactgagatg	agtttctgta	agcagcaaaa	300
tggtgggtct	tggttgtgta	gccagtttgt	tagtctatgt	ctttttattg	gcgagttgag	360
accattgatg	ttaagagata	ta				382

<210> 286
 <211> 258
 <212> DNA
 <213> Murine

<400> 286						
ggaattcccc	tccttgactt	cttctttccc	agctgggttc	gaggtctcag	cagacttggc	60
attgccacaa	ggctctctgg	gctcagcagg	ttgtkcggtg	gttacaggtt	tcagggaccc	120
tgaaggctgt	kcgttggcta	tggttttcag	ggtctckgca	ggcttgggtg	tgccccacagg	180
cttcagggtc	tcggttaggt	tbgcattacc	tataggttct	bgggtctcag	caggcttkgc	240
attgctacag	gttttcagg					258

<210> 287
 <211> 643
 <212> DNA
 <213> Murine

<400> 287						
ggaattcatt	gagatcggtc	aggaaaactat	gcattttcaa	gccattatat	agtctgggca	60
agataagttc	ttatttcatt	tgtctaatac	tcattgtcaa	gggaggccct	ggttcagttc	120
ggggcgaggg	ctcgagatt	acaccctaca	gctctctcat	ttcagataac	tgccaacaaa	180
gcaataaaaa	gccgtccaac	ttgtcagtcg	gtagcagcaa	agccctctcat	gtgggcagga	240
caaaggcggt	gctctcatta	gatgattagc	tcattcaggt	cacatctagg	tcacttccac	300
ctttgtcttg	attccaaggt	tagccctcat	ctaggtgagg	ggatggggcc	cctgtgaagt	360
cttcagagct	caccctggag	agttaagatg	ggcacaatga	gaaacaggag	agcagggtat	420
gttctctacc	agagccagtg	ttggcacact	ggctcaatct	caagagggtc	cccaaatgag	480
tcagatttat	agctgacatc	aaggacagcg	tcagagactc	tagtctgtga	aatcatcact	540
ctcaatttag	ggagaccaga	acctagggtg	ccaccacagg	aatgtcaatt	ccgatagaca	600
caggrtcggt	agccagtggt	tgtagttagg	cttcggactg	ttg		643

<210> 288
 <211> 424
 <212> DNA
 <213> Murine

<400> 288						
ggaattctcg	agcgcccgct	ttgtttgttt	ttccttgata	ttaagttagt	acagttttct	60
ggatgcaaaa	ccacagacgc	atcgccctca	gtgcaacagt	cctgcgggat	gatcgccctt	120

ctccaggggg	atgttggcct	ccaggcacat	tttcacaaa	tcctggataa	cactggcctt	180
ctctgtttgc	gcaggactgt	tgcaactgaag	cgatgcgtct	gtgggtttgc	atccagaaaa	240
ctgtcactac	ttaatatcaa	gggaaaaacca	accaaccaac	caaaaaccgc	actggaatt	300
aagctgaaga	accttattca	gagacaaaat	ggaacgattt	gttgtaacag	caccactgc	360
tcgaaatcgt	tctaagactg	ctttgtactg	aamccctctg	gatcgagtca	ctgaatttgg	420
aggt						424

<210> 289
 <211> 309
 <212> DNA
 <213> Murine

<400> 289						
ggaattccag	tgggattect	cagctccatg	atgcaatggt	tatctttttg	gtaagaata	60
ttcaagtctc	gacatcatag	tagtaatgga	tattactcat	ggtatgctct	caagccacgc	120
atggcacatt	ctgtaccctc	tttatcactg	aagtaagcaa	tgggttttaa	aataacgttg	180
cttacacacc	cagagtacca	atgattcatt	aacaactgaa	caaatactgc	tctggactcc	240
aaaattatta	cagaatttta	tatacaggat	tttgaggcat	aggggtatct	ccaccctag	300
tagaagtat						309

<210> 290
 <211> 325
 <212> DNA
 <213> Murine

<400> 290						
ggaattcggg	ttttaaggga	attaagtcta	tgttgatagt	acagggggaa	gaggatataa	60
aagtgaattt	atagttttcc	cagaccacaa	ggcattgttg	tgccttgggt	gccacctagg	120
tcaagaccag	gatctctctc	ctggggagcc	aacaggagcc	ttccaaaatt	atcaggggaaa	180
gaggttttct	gtctccaatc	cagcttggga	gagattttgt	tactgacaca	tgatccttcc	240
cccaccaggt	aatgaagtgt	tctgtgtgct	aacaatatag	gcttaaaaaa	aaaaaaaaat	300
bsgcgccbaa	tttccaccac	actgg				325

<210> 291
 <211> 390
 <212> DNA
 <213> Murine

<400> 291						
ggaattcatt	gaaccccatg	caattatagt	gggtacttca	ataccctctc	ctcaccaatg	60
gataggtcat	tataacagaa	actaaagaga	aaagcagtga	aactaataga	tggtataaac	120
cgaacaatac	tgatatcaat	ggaatttttc	atcgcaaaac	aaaagaatat	gcctctctct	180
cggcacctct	cagaaccttc	tccaaaactg	atcatataag	tcagcaggaa	gtaccaacag	240
gaacacccag	agttctcagc	tgtgcataac	tcagggaagt	aaagatcagt	gaagatttga	300
aaccatttga	cagctagctg	taccagcaag	actgcacagc	tagctatacc	agcmagacta	360
gctctgtccc	caccactcca	tgggaatttta				390

<210> 292
 <211> 335
 <212> DNA
 <213> Murine

<400> 292						
ggaattcaaa	gaggcaaaaa	tagaatcaaa	ctaagcagtg	ggttctttgc	aaacagttgc	60
cttcatatta	cctcagcagtg	taaacgtttg	tgtggagtac	taaggtgggt	gtggagtggt	120

ctttgttttag	ttctttttact	ggagtgggca	ccccactttg	tctctctcct	aaagccctac	180
tcactttgta	tcactgtagc	cagaccacaa	aggctgtatg	ttgcaatgta	tcaagtgaac	240
gttttttgta	aacataaata	ggccatttga	acctgccaa	acctggtcac	atagatcaag	300
gtcaaggtaa	aataccaggt	ttctgtagta	ggggg			335

<210> 293

<211> 369

<212> DNA

<213> Murine

<400> 293

ggaattcccc	ggctagagcg	gcgcctcgag	cggggtcgag	cgggcgcttt	tttttttttt	60
tttttcacgg	gaacagactt	tattagtcca	cttgggtott	ctctgggtacg	gcattttgaag	120
ggttctctgg	cacccctcca	ttttttttctt	ttttggcagc	agctgcagca	gcttttaagg	180
cccttttttg	cttcttcagc	ttttgcacct	cctggtaaac	ccgaatgcac	agagccttct	240
tggccaggaa	gcvgcgggtg	accttttggt	aaatgtcaga	ggggggtaag	gtatattcca	300
ccctagctc	cttgcatgtc	ttttcgaaga	catcatagtt	ggtctgcagc	aggattttga	360
gcaactttt						369

<210> 294

<211> 394

<212> DNA

<213> Murine

<400> 294

ggaattcatt	ttataattat	gaatcatgaa	tatctgtatt	tgccgatggt	ctcaggtgac	60
ccttgtgaaa	gggtcgtctc	acccccaaag	ttctgtccac	aggttgaaaa	coactgtgtt	120
ggaggggtct	gactgtaggg	caacaacctg	aggacaaaaa	aaagccttga	acatgtgttg	180
ttgctctggg	agctgtgtgc	tagctcatat	cttcccgagt	cctccacta	agcttggctg	240
gttcggggta	ccccctattt	atgggacycy	gggtaggggg	gaggcgagtga	tggkgccagt	300
ctgctgcact	gcccaagcag	tgacgcgtcc	cttgatctgt	gctgactgtt	aagagtgaak	360
kkcttcagaa	agtagtactg	ccacagccac	caga			394

<210> 295

<211> 536

<212> DNA

<213> Murine

<400> 295

ggaattccgg	ctcgagcggc	cgcttttttt	tttttttttt	ttagtgtcaa	gcagatcaca	60
aatcctctta	gatgtaagga	aagtgggtgt	tctggagagg	actcagatcc	tgaaaatgag	120
gaagtgaaga	tggcttttag	ccatttttgg	aaagtacagt	ctgtaatagt	ttacctctcg	180
gcccagagaa	ttcacattct	tctgcctgaa	caatgcagtt	aatttttttc	ttctacaaac	240
ccctatggta	tcagctggat	gtcagggttt	taccatttaa	acctgatcca	gtcacagaaa	300
tgggtgttta	ttgcagatga	tactcctcat	atgaaagaaa	acctatgaaa	caaaaacaagt	360
tagcagctgc	ccatatattc	tacatatatt	gagagaagta	taagacagtg	tattaaacat	420
gagaaaaatg	gaaggccacac	agcagacact	gttctatata	gtttcaattg	aagtcagggg	480
tatatgttga	cagctgggtc	aactcctact	ctctgcagta	tyctccaaca	awcccc	536

<210> 296

<211> 244

<212> DNA

<213> Murine

<400> 296

ggaattccaa	gaatgtacgc	cagaggaacg	ccacctgagt	gggtggggcag	gcggggggagg	60
ggaggtgccc	agggtgcctg	accccaggcc	agctctacct	ccactccagt	atcccatcct	120
gtcccgattt	gaacctaccc	aacccaacct	atcccaacct	aagtgaagac	agagccttac	180
cttacagaaa	acccacctgg	aagaagcaar	ccacttcagc	cctgtttctt	aatttaaact	240
aaat						244

<210> 297
 <211> 331
 <212> DNA
 <213> Murine

<400> 297						
ggaattcgtg	aaggtatgtg	acaacgttta	cctgactaaa	gcagctatca	gcttacaagt	60
tcctgtcttc	cccagtcagt	tgtgtgactt	tcattcttag	tgcttcgacc	cttttctctac	120
agcaagcaca	caacactgca	gttctttacc	ctgcaatcct	atgtattttg	ttcaattttt	180
gtttctcaca	tcctcaacta	tgcattattg	ggacagcaaa	aaaaaaaaag	aaaaagattc	240
ttttctttaa	gggagaagta	agtcacttag	cttccactat	agaccacctg	ggcacagtgc	300
acaagaaaac	cgcagctcat	cttttttctg	t			331

<210> 298
 <211> 308
 <212> DNA
 <213> Murine

<400> 298						
ggaattcgtg	aagagtactg	ccttgctcct	tggcgtgtgc	atcggctcgt	ctctcaccgc	60
cagcctgcgc	tctactgcct	gctccagtc	actcctgacc	gacagcatca	tggctacgag	120
aggcactgtg	actgacttcc	ctggatttga	tggcagggtc	gatgcagaga	tccttcggaa	180
ggccatgaaa	ggcttgggta	cgcgatgagga	cagcatcctg	aacctgttga	tcctccgaag	240
caatgctcag	cbccaggaac	tgtctcagga	gtttaagaac	tctgttttgg	cagggacctt	300
gtggatga						308

<210> 299
 <211> 491
 <212> DNA
 <213> Murine

<400> 299						
gaattcccg	ctcagcggc	cgtttttttt	ttttttttta	caaacccttg	tgtcaggggc	60
tgaactttcag	tagatcgcag	cgaggagct	gctctgctac	gtacgaaacc	cgcacccaga	120
agcaggctcg	ctacgaatgg	gttagcgcca	ggttccacac	gaacgtgggt	tcaacgtgac	180
aggcgagagg	gcbgcctctt	cataattttc	aactctgtcc	acttgtcttt	cccatctgtc	240
taccatgtac	ttgtacatgt	agtcattgct	taggtgtggc	ttgtgcacagg	tgggcctctg	300
ggtttcccat	gctcaaggca	agggaaactg	tcttacttaa	cagtgtgtgt	ctaaaaaaat	360
ctggcttttt	tgagagtgc	gtatttataa	aacaaaactg	tactatcaat	ttctataaag	420
ttgttcgaga	atttatatgg	gtcccaaatg	tcctttctga	ctgaagtctg	cagtaaadog	480
aattccacca	c					491

<210> 300
 <211> 465
 <212> DNA
 <213> Murine

<400> 300						
gaattccggc	tcgagcggcc	gctttttttt	tttttttttt	gattagctct	ggataatttt	60

ttatggggag	gggaaaaagg	catttgatat	cctgccttcc	ctacagcact	cagattaaaa	120
cacaggctta	aattaattct	gattgcttcc	ttttccttgt	tccttctctg	agaggctgat	180
gggacagtgt	ccaggggctg	agagccacgt	gttctgtaga	tgataataaa	ctatgaacat	240
ttgggtgctga	attttttaca	cttgtctctt	gtgggtgctat	tgctccggaga	cccttaggtg	300
gscctagggt	gcctggcatg	ccctcattcc	tcgaattcca	ccacactggc	ggccgctcga	360
gcatgcctct	agagggccca	atctgcctca	tagtgagtcg	tattacaatt	cactggccgt	420
cgttttaca	cgtcgtgact	gggaacaccc	tggcgttacc	caact		465

<210> 301
 <211> 413
 <212> DNA
 <213> Murine

gaattcccg	ctcgagcgac	cgcttttttt	tttttttttt	ttttttatga	aatgagttca	60
tattcaagtg	tgactatgta	gtcaagtaca	tagttgaaca	tgagtgcct	catatcataa	120
aagtatgctt	ctatcattca	tatacagtat	atatcatttc	tatacactcc	tttgctctat	180
actgtgctct	ggagatctta	agtcagtgtta	tcactcttaa	gtgtgtcagg	gtagttacct	240
acctcaggca	tccagggttat	tctagttttt	cagcactttc	aaataccttt	agtkagtatc	300
tttggtgtga	ctttttcata	tgctgtgtaa	cagttttcta	agcaggactg	caaaaatgta	360
aattkctgct	tttcagctta	ggkcatctaa	cagatacact	ttccttcaaa	agc	413

<210> 302
 <211> 436
 <212> DNA
 <213> Murine

gaattcctca	gacctggagc	aggcgcgccc	tcagactttc	ggagaagaag	agctgcagct	60
gcagctggcc	ttggccatga	gtcgcgaaga	ggctgaaagg	ccagtcctcc	cagcctccca	120
cagggatgag	gacctgcagc	tgacagctgg	tctgagcctg	agccggcaag	agcatgagaa	180
gggggtgaga	tcctggaaag	gagatgactc	tcacagtggc	aacggcgccg	aacctgctgg	240
ccaacgtcgt	caacgggaca	gggagctcga	gagagaagag	agaaaggagg	aggagaagct	300
gaaaactagt	cagtcctcca	tcctggactt	gctgacatct	tcgcacctdc	cccgccctg	360
ccttcaccca	ctgctctgct	gacctcagg	acatcccagg	tctcaggccg	aacacagagc	420
caagttvgct	cctctt					436

<210> 303
 <211> 484
 <212> DNA
 <213> Murine

gaattctttt	tttttttttt	tttttttttt	agggtgctgag	tcacactggt	aactgcttta	60
tgagagatca	gggagatcct	tcctcccaaga	gacaccacag	tggtgaaagg	acgctgcctc	120
cgcccgctgc	agtcctatct	tcctatgcctt	catttgatca	aatgtgcacc	cactatccac	180
tggaacacgc	ctccaacctg	tcctccatttc	ttttcccttt	agttctgaaa	aataataata	240
ataatgacaa	caaagaaaag	aaaaccaaga	tgacagtgtt	ctgagagatg	attgtacaga	300
cccaagtgtg	gacgcctgag	aataagaggga	acacttgaga	gtaaacctaa	ggccaaggag	360
agggtatgca	tggtcagaaa	aacacgtact	ggggaagagc	ctgcttaaat	atgtgcatgt	420
tggtgtgaca	tgctctgct	gaaagaagac	aggacatcag	ctaggcagac	aactgtatcc	480
cata						484

<210> 304
 <211> 577

<212> DNA
<213> Murine

<400> 304
gaattccaca cttgttaagg atgggtataac ctctgectta aacaagttca agaaaaggag 60
gggcaaaaag agcgcttgta tgcagcttta attatctggt cccctccacc cctgectttt 120
tgctgtgtc ttagcccccag gccaaaaggct aagactggaa ctaaaattgc ataactcacc 180
tccacatag gtgtcctgt ccatctctct tagcctcgt gtatccggag cagattttat 240
agctgtcag tcttactcca ttgctacctc agggaaaate tgttagggtta aaaaattatt 300
tctgtccat ggctggattt tcaaaaccaa ctgtggaat aggctaata gactggtaaa 360
gcccaaccga acaccacac gctattccca aatcaaatgc gttgtaaat gggcgaatct 420
tgtatttgta gctgtctggt aatgtgaggt cagattttwa gcattctate atcatgaaat 480
tgcactgtca ctttccatag cagccgagag aatgatagtg aggttaagga gccataaccg 540
tagaaaaatga aggtgctcma gggcatgaat gttctga 577

<210> 305
<211> 492
<212> DNA
<213> Murine

<400> 305
gaattcgcag atggggccaag agcttcaagg agaaatagtt gtaataattg cagatcagta 60
tggaaatcag atttcatcat ttccacctga ttccttatct actttgtcga ttactggaga 120
tggtcttgac agctcaaat tgaaaaatcac ctgtggaggcc aactcacaga gcgtaagtgt 180
gcaaggcacc aggtttactc cagggcctcc tggaccacaag gatctgtgtt ttacttggcg 240
agagttttct gactctctgc gogtgcacact ggtttctgga cctccaacca agctgtgct 300
tatggactgg ccagagctga aagagtccat tctgtgatt aatggaagac aattagagaa 360
ccctctcatt gttcaacttt gtgatcagtg ggataatcct gctttagtc ccaacgttaa 420
aatatgtctc ataaaagcaa gcagcttaag gctactacht tcaaacaccg agcataaaac 480
agattccacc ac 492

<210> 306
<211> 611
<212> DNA
<213> Murine

<400> 306
gaattcgaac tctacaggac aacccatttc ctgagagggt agggccagatg gctctgggtg 60
actgagaatg tcaatccttg aatgggggac agaacggaga gggggtggga tttgtggaca 120
cattcacata taagcatatg caccaccgca acaaggctcc taatagcctc tccaggaagg 180
agacacgac ccctagattc ctggagtgtg taaacagccc acccctagag cctcatcca 240
gtccatttct ccagctcgca agaccggct tccaaactga agtcaccagg gogtagaaag 300
tcctctctga tattcacatg acagattcct tttcgaactg ggcactggag tcccgggtg 360
gtccctggta ctggttcagg aggggattcc cctcctctgt ggcgaggggc agtggattca 420
gagacaccto gttcttcacc tggatcaatt cgggctctga gctcggcatc ttggttcgat 480
ccagctaact ctgaagcagt ccagcccca aagcatcacc ttccagcttg aggcaggtac 540
aggactgtc cactagccag tccacgcca gatcaaggag atgtccttca cagggcaggc 600
tgacttsttt c 611

<210> 307
<211> 484
<212> DNA
<213> Murine

<400> 307

gaattcctcc	agtcgggttag	cgggaaaaac	gggtgctttc	tgacatcctc	tgcatccttc	60
tcacacagctc	ccaggcgccg	ctcaggattt	ctccttagca	gccttctcat	tatggaaatg	120
gctttctgtag	ataagaacct	tggatacctt	acttcgtcat	ttacaatact	gtcaaaaacc	180
tctttctcat	catcaccagg	aaagggagac	tgcgcgacga	gcattctcata	tatgagtaca	240
ccaagggccc	accaatctac	agcccttgtg	tacgatgttt	ctgttaggac	ttctgggggc	300
aagaaactca	gggagtacca	caaaatgtgc	ttgtcctatc	tccatacccc	attcctctct	360
tgcaaaagacc	aaaggtcagg	caattttcac	aaagccttct	gtatctagca	acaagtttat	420
ccaacttcaa	atctctataa	acaattttgt	gttcatgtaa	gtattgcaac	ccaagaacta	480
caca						484

<210> 308
 <211> 460
 <212> DNA
 <213> Murine

<400> 308						
gaattcaaac	cggctcgagc	gocgcttttt	tttttttttt	ctaaggacct	tagaaaaata	60
aaaaaaaaat	tctgagtgcc	atctttatca	tctcttcctg	tgtgtgtatg	agtgtgtgtg	120
agtgtgtgta	gtgtgtgtga	gtgtgtgtat	tgcattgtgtg	tgtgtgtgtg	gtatgtgtgtg	180
tgtatttgtat	atataccaga	ccatgaggta	ataggagaat	acactattct	cgccaagatt	240
tttatcttgt	ctaatcaagt	catgtttctg	gctagaacac	cttctctgta	atcattttta	300
atgtagtcat	ttaaatgaat	aatccaaaca	gaagtcctat	tagatccatg	ttctgtgtta	360
atgattgtcta	agccctaacc	tttcatttcc	cttcaggaaa	scatcaaaag	catggtttac	420
attcactcta	gaagcccgga	ttatcgtttt	aaagtcatca			460

<210> 309
 <211> 213
 <212> DNA
 <213> Murine

<400> 309						
gaattcctcg	taagggcaag	tcatacatgg	aactcgggtc	ttcacggcat	gcttagaaaac	60
actgcgttgt	ggagcttgtt	tctgtgttka	aggaattcta	acgcactaac	acataatgac	120
ctagccyyta	kgatgcacag	gcaaaaagga	ggcctaagga	ctcacttaca	cactgcaata	180
aaagcttctc	ccacttgttc	tccaggaatc	gcc			213

<210> 310
 <211> 207
 <212> DNA
 <213> Murine

<400> 310						
gcgcggattc	tttatcactg	ataagttggg	ggacatatta	tgtttatcag	tgataaagtg	60
tcaagcatga	caaagttgca	gccgaataca	gtgatccgtg	cygccctgga	cctgttgaaac	120
gaagtcggcg	tagacggtct	gacgachcgc	aaactggcgg	aacggttggg	gggttcagchg	180
ccggcgcttt	actggcactc	cwggatc				207

<210> 311
 <211> 285
 <212> DNA
 <213> Murine

<400> 311						
gaattcgtca	agttgggtctt	gaactcctga	gttcaaacaa	ccctgtgtgtg	gaatccacgg	60
tagctagacc	tacagatggc	atcaccagg	tcagcttgaa	cacacagtta	aaaatcatta	120

accccaaatg	gaccataatg	tatcaaaagt	gggtaggaat	ttaatagcct	gtctttatgt	180
ttaaaaggtc	aaccaagtaa	caataatcaa	gatatctgaa	gaagctctgc	aagagagctg	240
gtgcttctctg	taagctcaca	ggaagacgag	gagcttcaac	ccaaa		285

<210> 312
 <211> 457
 <212> DNA
 <213> Murine

<400> 312						
gaattcgcta	tttcttaaaa	taaaaagaac	atctaaggac	tgagtcttat	atgcacttta	60
gagcattttc	acagcatgcy	attctaagag	taacccacc	caatatggca	aacaatcaaa	120
ttgttttaaa	tttaacttag	aaagtctgag	atcattattt	tcaaaacatt	gattttgtaca	180
ttgtttcata	cacaataaac	caactgacta	tccaagcaca	ggacagggca	cctctctgga	240
gaaaaaaact	ctctgacagc	aggggacgga	cggtagtgt	cacatgacta	caaacgtccc	300
tccaacttca	caggaaaccc	aaggaaagaa	cagaaagtgg	acagtgaggg	gacaggaggg	360
acaggaggga	gggaaavcag	ctygggagta	agtcmsctgc	ctgagcaagg	gaaggaaagga	420
ctctgaccaa	gattctgtg	scmatcctaa	catgtgc			457

<210> 313
 <211> 418
 <212> DNA
 <213> Murine

<400> 313						
gaattcgctc	tctcttgag	gtctgctcct	ttttgaagag	gaaacgggtg	agaggggtgt	60
caataatgga	gaaaagagga	taggtgaagt	ggggggcatg	gggcatagct	aggaagactg	120
tagggaggaa	aaacaatgct	caggatatat	tgtatgagag	agaaccgagc	gactgggtga	180
ggtcagggtg	gtacaaatta	cggaaagagc	cagcgacgtg	gtggtctatca	caataactac	240
aagccatact	gagaggcagc	aggagagccc	gagtgcagac	cgcacacgct	ttgttttgac	300
gcgggaattc	caccacactg	gcggcgctc	gagcatgcat	ctagaggggc	caattcgccc	360
tatagttagt	cgtattacaa	ttcactgvcc	gwcgttttac	aacgtcgtga	ctgggaaa	418

<210> 314
 <211> 450
 <212> DNA
 <213> Murine

<400> 314						
gaattcctta	ttttcagatg	acagttttcc	tccttttgga	tactgctac	tcgggtgttt	60
tttagtaggc	aaagttaagt	aatttaagat	acgattcttt	acaagtttgc	tgagccaaa	120
aaagggaagt	gaatttttat	cttttatggg	tccaggtcgg	tcataaaatg	ctggctcagc	180
attctcattg	atgtcaagga	aaaatgtgct	gggtggaggtg	ctgccgaagc	ggctgctctc	240
cagcatgaac	atgcttgatg	gtgcagactc	actctcactg	ttatgtctag	agctgggtcga	300
ctcagagttc	aagctgaggg	tgcttgggac	agatgagagc	tcattgcaga	gctgctccac	360
atcatctgga	accactggcc	atagahchth	cactgtactt	acagaatccc	agctgtgaca	420
tttcaaaata	tcacagcctt	accttggttt				450

<210> 315
 <211> 555
 <212> DNA
 <213> Murine

<400> 315						
gaattccact	actctgcaa	ttaaaaaaga	tttgtttttg	caaaagttat	gtttgagaa	60

aaataaaaaa	gcttatggtc	cttgatttaa	gcaaaataag	gtaggctcag	aaagatgggt	120
gctgttttct	cagatatatg	aaatccacac	ttaatagtat	aagattttaa	gacgcagaag	180
gtactattca	tttagaaaag	ggaaagtaac	ctgtgggggc	cagtcacagag	gacgaaatga	240
ggatgaacaa	gcttgaattc	cgaaataaag	ctgtgtgtga	atgtcacaaa	ggttctatca	300
tactgaccaa	tgagtgtatg	ctaatacaag	taagattcgt	taaaatgggt	tgagaaatca	360
ttgttgaagt	gttaatacaat	ctcatctgaa	gctccgtcta	gattttttatt	ttttatagaa	420
ctttttataa	ctcttccacc	tcaagtycca	aattggaaag	atttactcct	cttttcataa	480
gttycccaag	atgagataag	agcyatrcaa	wggtttgttt	gggaaattga	ggcatggaca	540
tcactacatg	ggctt					555

<210> 316
 <211> 172
 <212> DNA
 <213> Murine

<400> 316						
gaattcgcgc	agaggaaactc	tggtatcgat	ggtacaagaa	gagaccccat	gatcatcara	60
gacagacara	ggccagctgg	ttccagactg	gcttacaggk	aaaattccagc	tgctgcttgg	120
gcccctgatg	gtcgaccocag	tagagggatg	gattcagggt	awcagccttc	cc	172

<210> 317
 <211> 355
 <212> DNA
 <213> Murine

<400> 317						
gaattcttga	aattttaaaga	aaaaatttat	tgaagatctg	aaaaacaact	cctacaagat	60
tgacttttcc	ataaaaactgc	agctacacga	tgcatctcgt	ctatcatggt	aaaacgtgca	120
ttagacacaa	ttagacaaaac	catgaaaaca	agccaccatt	cttttaacagt	tgagcaaaaga	180
taagatgcct	aaggaaatgac	atggatgact	tgcaaaagat	gggctcttta	agcaccatta	240
waaaaaaaaa	waagagacaca	gatggatgag	tggtcagtta	tataacttga	agtgaacctt	300
tggcactagg	aatcagagca	wtgttcataa	gaagcattwa	acacatatta	taaaa	355

<210> 318
 <211> 425
 <212> DNA
 <213> Murine

<400> 318						
gaattcaaaa	acctttaatg	agtaaaagac	agtgtagggt	ttgtgcccct	tgctccatgtg	60
ttgctcctat	tgctacccct	cctatcagaa	ggtatttttg	atgcgggcgv	ccaccaggac	120
taggatttcc	ccaatcttcc	tctgccagtt	ggatgatatc	ttggacacag	cacaccacag	180
ctctccatgt	cggggctctg	cattctcaca	gcgtttcttc	acctctctct	gttgcctctc	240
agtttcattg	tcaggttcaa	atttgtagaa	gaaggcccaa	gcattcccccc	agatcttgagt	300
caatcttcac	agtgcsatgg	aaccactccc	gavccytggt	gatctttctt	tcactccaga	360
acaacttagc	cacagctaaa	agcacatgvg	gtcatgttca	caettcttca	gggcatccac	420
actct						425

<210> 319
 <211> 251
 <212> DNA
 <213> Murine

<400> 319						
gaattcatgg	cgcattccgc	acccttgggc	cccgccggcg	cgcccgcgta	cagcagcgcc	60

cggggggagg	cgcccccgtc	cgcccgccgc	gccggcgccg	cgcccgctgc	tgccgcgcgc	120
gccggcgctg	cgccgctcgt	cgccggggagg	gccggggccg	cgccggcccs	cvgktgccga	180
ggccgccaag	caagtgcagt	ccctgctcgg	cgccggcaca	gagctcgtcg	ggggcccccg	240
gcgtgcctt	a					251

<210> 320

<211> 320

<212> DNA

<213> Murine

<400> 320

gaattcgctt	ctgaaaaata	gctacagtgt	acttacatat	aatacataaa	totttaagaa	60
aaaaaaaaa	aaaggggaga	tttaaaagta	aaggcctgaa	tgtctgttca	actaactaaa	120
tttatagaaa	gcttcacagt	acaaagcaag	caactgactt	aagacttgca	cctaaggctg	180
gagagattgc	tcagagggtta	agaacactga	ctgctcttct	gcagggtccca	agttcaattc	240
ccagacaacc	acataggttg	ctcacaacca	tctgtaaaaa	agacctgatg	ccctcttctg	300
gtgaactgaa	gaaggctaca					320

<210> 321

<211> 374

<212> DNA

<213> Murine

<400> 321

gaattccggg	gcacctctg	ctgaacagta	ggggacgggc	caggtggcag	agtggccaga	60
ttgggggggt	agggcgtgga	ggaaggggtc	ccagctccag	ccccggggcc	aggactcacc	120
aggtctttac	acactctgac	actgctcaca	cctgggagtt	gcttctgaga	agatcttctc	180
tttcatccag	cccatcgtgt	attcttttct	gcaggagggtg	ttgacacagt	gtgatgtgta	240
gaaggtgcct	tgggcctcca	ccaggtcctg	gggctccagc	ccccccaact	gttcacagct	300
gtctatgttc	tgctgttagc	agcgcagcag	ctagccccctt	htccttcagc	aggccggatg	360
aagtaattgg	caga					374

<210> 322

<211> 208

<212> DNA

<213> Murine

<400> 322

gaattcactt	acactgtcta	ttccctgaac	gaccagccgg	ggctccacct	gggtcttogag	60
gctgcacatta	tgcttgccac	aagtgcagc	cttccctggc	taccacaagg	caccaccaga	120
gcacctcagc	gttcagctgt	gtcacacac	gggtgaatga	gcacccacag	gsayccactt	180
ttgggtttta	ccactbcgat	tcaccaca				208

<210> 323

<211> 396

<212> DNA

<213> Murine

<400> 323

gaattcgcca	gacaaacagt	gaccagaacc	agtgccttaa	ggaaaaaaca	ctctacaaac	60
cactgaagcc	acttgaaact	ctcgacgaa	tgtgctgggt	ttcccacaac	agcgacactt	120
ccagagagac	tactgacaag	gagccctcag	gacactgatg	tgcattcctg	gacttgcctc	180
ctcaggcccc	tgagtcagag	cctgccataa	tatccatccc	taggctctgt	aaacacattc	240
caggataaca	gggaggaaat	gacattcaca	cggtaccttt	tgtgatctgc	hgccaccavc	300
tgttggtttg	gaggactcta	camcahthtt	ctttvccacg	agattgggga	agatcccaact	360

aacttctgtg tagcaaaagcg ggggctgggc ctgggt

396

<210> 324
<211> 585
<212> DNA
<213> Murine

<400> 324
gaattcctga acagaggttc tcagaacata taaaagatga aaagaacacg gaatttcaac 60
agaggttcat tctcaagaga gatgatgcca gtatggaccg agatgataac cagggtgaaga 120
atggaagagg gtgggacctat aaagagagaa actgggaagg gagaaggatt tggggggaatg 180
gaaaaaattg aaaaatatctt aaaatggaaa actacacagc gctgttctcc tgagttgttg 240
gggcttccca ctgaggagctg gctacagttg ccgtgctcaa ggccccagag agacaggggtg 300
ctgagggtctc attttggcca cagctcttta ggtttgcctc taacttgtaa ctacgtttca 360
ttttggacaa acaagggttcc tccctgtgtc agccttgatg tagctgactt cagtgtcacc 420
tctttgtcca accctctcct gtcttgacga atttacctg ggagctacca aaataaccaa 480
aagttacttt atcccatttc cactcttcta gccaaaggct ggccttaah gcaaaagtat 540
ggtctaattt aaccagttac agaggtgtgt ctttgatccc ctttg 585

<210> 325
<211> 389
<212> DNA
<213> Murine

<400> 325
gcgcggattc tttatcactg ataagttggt ggacatatta tgtttatcag tgataaaagt 60
tcaagcatga caaagtttga gccgaataca gtgatccgtg ccgccttgga cctgttgaaac 120
gaggtcggcg tagacggtct gacgacacgc aaactggcgg aacgggttgg ggttcagcag 180
ccggcgcttt actggcaatt caggaacaag cgggcgctgc tcgacgcact gcgcgaagcc 240
atgctggcgg agaatacatc gcattcgggt cagagagccg acgacgactg gcgcctcatt 300
ctgatcgagg atgccgcgag cttcaggcag scgtctcgcc taccmgccagc acactggcgg 360
hhchcgagca tgcactaga gggcccaat 389

<210> 326
<211> 375
<212> DNA
<213> Murine

<400> 326
gaattccttg cactatcgcg ctgctcgkkk ccacgccaca tgggtgaatg aattgtccca 60
gattgccctt tctgaagaag actgctgtct caaagacaac cagggtatata cgccactgca 120
ctggcggtgt tacaatggtg atgaaaactg catagaggta cttttggagc aaaaatgttt 180
tcgaaaaattt atttgtaatc ccttcaactcc actgcactgt gcaataataa atggtcacga 240
gagctgtgca tcattgtctc tggkggccat agatccagc attgtcagct gcagggatga 300
caaaggcagg acaaccctcc actkggcagc ctttgagatg catgcggagt gcttgcagct 360
gcttctgaga catga 375

<210> 327
<211> 532
<212> DNA
<213> Murine

<400> 327
gaattcggaa aatgaagag ccttctgtgc ttcaacatat ttttgttga gcttgatgto 60
tgccaaccaa gtactcatag tagtatcagt atcactgtta gtatccacat cagtatctta 120

attecacgac	ttttcactcc	acccaactat	ggctcctcga	ttttcttggt	taagctttct	180
gaatttcttt	ccagctctgaa	atgctaataga	tgccctcaga	ctccttccct	cttgccacat	240
ctccctcttt	tttgaaactcg	tctcccccctc	tgtgttcata	cccatcatac	tttgctaatt	300
gctactctcg	tgctcttaac	ataacattct	tcttcagttc	ttaaacacaga	tctgtccacg	360
agctetaaatt	tagceatttt	cactctctgt	gtgtcccatt	tggtgcttga	attaaagttc	420
tgagttcact	ggctttccatg	agggggaggg	tcacagaata	aagtttccag	tgtgtgtgctc	480
ttgaaaggag	atctcccata	ttcaaaatacm	cttctcccta	aatattctgt	ta	532

<210> 328
 <211> 314
 <212> DNA
 <213> Murine

<400> 328						
gaattcacgg	atttaacagg	aatagaatgg	cacaagggtt	aatcaccagg	gaaataaagc	60
aatcacaaact	ggggtcggg	cgctgcggcc	ctgtctcacac	cgacagaact	gcggtctacac	120
agagattgga	aaaccgctac	acgcgcctgc	ccctacctgc	gcccaggcc	atgcgcccc	180
acctgaacta	aggcagaggg	aagcatcccg	gagacttcac	cccacaaact	tctgagtctt	240
agtcttcvtt	ctgtgtactg	tgacaatgta	tgaatcaact	cttctcaatt	cacttgagtc	300
caagtcgtaa	ctga					314

<210> 329
 <211> 342
 <212> DNA
 <213> Murine

<400> 329						
gaattcgccg	actgacagcg	cactgtrcac	gtgtggagggt	cagagggtcaa	tgatagaarc	60
ctctctcttc	accacatagg	tcctggagggt	taaaactcagg	ttgttagact	tggaacaacg	120
ccctttgtcc	tgtgtgarcca	tctcactgcm	ccrccaccct	ttwctgagag	aggctcttca	180
ctatccctaac	ctaggtttacc	ctggaactta	tgatgcaccc	aggtgttagt	gttcacaact	240
gggaggaaaa	cctcaaatga	gggttatgtg	aactgttaaca	taaaatttgta	attttaacta	300
cttdtttttc	ttactggggt	ttgatataaa	dectcacttt	gt		342

<210> 330
 <211> 412
 <212> DNA
 <213> Murine

<400> 330						
gaattcgccc	cgactagtca	ctgttttagaa	agaaagaaga	aaggaaagac	ccagcaaac	60
taagctagta	tgactatcca	tctaaaaaag	gctagggagt	tgtgtggtgt	ttgtgtgtat	120
gtttgtgtgt	gtgtgtatgt	gttttatgta	taagtcaagt	attcacaaat	cttttcacac	180
tagctgccat	aaaaagacac	agacattaca	caaaaccata	tgtcttttca	tatgcactct	240
ctgcagttcc	tagctcaggg	tcaaagacag	cccacaaaag	agtaaaagga	acatgttgga	300
aacagaagtt	gggggaagtcg	gagaacctct	gcagactkga	ggtcgaaat	ggagacacag	360
acctcacaga	aacacactgg	ccagctcctc	artkcacaa	tctkctaag	ct	412

<210> 331
 <211> 275
 <212> DNA
 <213> Murine

<400> 331						
gaattccaag	agttattagac	attttggaag	attatttgc	gtggagaaat	tatgagtact	60

gcaggttgga	tggacagaca	ccccatgat	agagacaagt	aagtatgaaa	gggtgggaag	120
ttaaaaagt	aagtaagaac	tttattttt	atattccatt	agktgtacca	atttaataata	180
atgttttgtat	tgtatttgc	cagagtattt	gattttttt	aaaaatattg	attttctttt	240
aaaattttaa	ttggtgtgat	agtgttttgc	cyaag			275

<210> 332
 <211> 397
 <212> DNA
 <213> Murine

<400> 332						
gaattccgcc	aagatggcgc	aagtggagca	gaagaagaag	cgcaccttcc	gcaagttcac	60
ctaccgtggc	gtagacctcg	accaactgct	cgacatgtcc	tatgagcaac	tgatgcagct	120
gtacagcgcc	cgccagagga	ggcgccctgaa	ccgtggctct	cggcggaagc	aacactcaact	180
gtcacaagcgc	ttgagaaaag	ccaaaaagga	ggcaccaccc	atggagaagc	ctgaggtgggt	240
gaagacgcac	ctgagggaca	tgatcatcct	gccggagatg	gtgggttagca	tggtggggcgt	300
gtacmacggc	aagacccctca	accaggtgga	gatcaaacca	gagatgatcs	gccactacct	360
gggcgagttc	tcctatcaact	acaaacccgt	gaagcac			397

<210> 333
 <211> 405
 <212> DNA
 <213> Murine

<400> 333						
gaattctgga	gaagtgggag	gtgtactgta	cggggaggga	ccagggggaag	aagagggggg	60
tggaaagttaa	gaagggagga	aaggcaggag	ggggagagag	agatgttact	gctttctttt	120
cagcacatfat	aaaacaaagg	actaaagaaa	cgcataattta	aaatccagtt	tctatattca	180
caactaattc	acttccaaac	ctacttgtaa	aaatccaatg	tcagcaaatg	aatttggttg	240
gaaatggccc	aggcatccat	acacagaaag	gttctccatc	accataaatt	aaatcatggt	300
atgctgaatt	aattgttgaa	aattactaga	aaatatgttc	acaaacctgg	caaattcaga	360
ctatgtcaca	cacaaatact	cctttctttc	tcctctctcc	tcctt		405

<210> 334
 <211> 300
 <212> DNA
 <213> Murine

<400> 334						
gaattcgga	tgttaccgca	cgcgatgctc	tcctctgcgc	ctttcttgca	cactggcatg	60
ctggtctagg	agccgctatc	tatcctctcc	acaatgcctg	chcgctctcc	cmecagcttg	120
acaagccaag	ccgccactag	cttcatcacc	aachcgctct	cctccaccat	cctggaaacc	180
tttccagct	tcaccaccac	atccgtatmm	ctcctctctc	ctagcttctc	ccaccgaacc	240
gcactcttct	ctgggctatc	ttaaccatgc	actgctgctg	chgtctctca	gtctctctca	300

<210> 335
 <211> 357
 <212> DNA
 <213> Murine

<400> 335						
gaattctgtg	gcgaatcacc	atctcttctc	ctcgtctacg	ccgttctctc	tcttgctctca	60
actgcatttc	tttacggttc	tgcatcttct	gactgtgaag	ttctctccat	ccottaattc	120
ttcctggcgt	ctcatcagat	cttkgcgcac	aagatttgct	tggtgttcat	ggtaagcacc	180
ttccatttca	ctttcccaatt	tgctctttagc	atcctctcatg	tttttttcaa	ctgtgtctct	240

ttgctgtttt	tccatttcat	ccaaggactt	ccatyggtga	gaatattcac	tcaaatgtgc	300
catgtcgagc	aaaacgaggt	ggtgtttctc	tctcctttt	atacatgtga	ttctctt	357

<210> 336
<211> 427
<212> DNA
<213> Murine

<400> 336						
gaattcttcc	catgcacatg	caactctatg	gagacgctct	cccttgccac	ttcgtaggct	60
ctgtgtgtcc	tcaggctcgc	tgggtgagcgt	ctcgtacctt	cagagccatt	tcacagctcc	120
acaaactcag	tttaaaacag	cagcaccgct	tctactctat	gcttcggttc	aagtggaggaa	180
gtgaggcagg	tacaattcgc	tcattcacac	ggctctagtc	aggtagctgg	agcagagagg	240
atggagaaca	ggctcatggg	catctctctg	tgttgagtat	cctgggctct	tttccacaa	300
gtctctccca	taacaaaatg	agccctggac	agctacaggt	gtcatacccc	agtgcgcgac	360
tccaacacat	tcacagcttg	ctagaactcm	gaatcaata	aatcagaatt	cagagcttca	420
ttctctt						427

<210> 337
<211> 424
<212> DNA
<213> Murine

<400> 337						
gaattcttcc	tcagctgtaa	ctgatggctg	cgtctgaagc	ctttactcta	atggtgctta	60
tgtctgtgtg	gggtgcaccc	attctatagg	gctagggtga	attgacgttt	gttcttaacgg	120
tgttttgtct	acttcattgt	actgtgacat	gcttgaataa	gggaggggagc	gaatggatta	180
cttacctgtc	aggatgcaaa	gagcaccctg	gtggctctgt	agcctggacc	tcagttagct	240
gcggtgaagc	ggttggcaac	ctcaggctca	accatctgt	gaggtcaatg	catcttggaa	300
aacagaaagt	gacctggcag	catattcctt	attttagtag	ctgtttttgt	tttagtttgt	360
tgttctcctt	tgagacaggg	tctctttaag	tagccctgdc	ctsgccctga	aatccacaga	420
gaac						424

<210> 338
<211> 389
<212> DNA
<213> Murine

<400> 338						
gaattccaca	attatctcat	caataattac	cctattttat	ttatttcaac	taaaagtctc	60
atcacaaaca	ttcccactgg	caccttcacc	aaaatcacta	acaaccataa	aagtaaaaa	120
cccttgagaa	ttaaaatgta	cgaaaatcta	tttctcatt	cattaccoca	acaataatag	180
gattcccaat	cgtttagtcc	atcattatat	ttccttcaat	cctattccca	tcctcaaaag	240
cctaataaac	aacggtctcc	attctttcca	acactgacta	gttaaaacta	ttatcaaaaca	300
aataatgcta	atccacacac	caaaaggacg	aacatgawch	ctaathattg	tttccctaatt	360
catatttatt	ggatcaacaa	atctcctag				389

<210> 339
<211> 388
<212> DNA
<213> Murine

<400> 339						
gaattcttct	tggtcttctta	ggagggtataa	agttctttcc	aaacactgct	tctcttcttt	60
ctaatactgc	aggatttcca	cttaaacactt	cattggggaga	tggttttcaac	ttggtgcaaa	120

tgccatagac	atctccatag	ctctcctgta	ttttccgtaa	tgcatccgtg	gatctgagct	180
ccatgagagc	tcgcagctct	gtaagcgtaa	ttccaaagtc	tccatcatgg	ttagcttctt	240
tcaaaagatt	cttcacaccc	ctatacgcaa	ctgagttgtt	ggccatgtcg	cccatcacaa	300
ggataattta	ttaggaggaa	aatgtttccc	agaagaatga	aattttcacc	ttgaatgtag	360
atttccaagc	tgaaaatctt	ttaaatat				388

<210> 340
 <211> 230
 <212> DNA
 <213> Murine

<400> 340						
gaattcccca	agcttgtgca	gaggccagga	ccaccttggt	ttcatgctct	tgactgctgg	60
gagcagtgga	agagctaaga	acagagtagg	ggcccsaggg	ctggatctag	cccagcccag	120
ggscaaaaag	gaaaagaggg	gagtdctccc	agctgggttt	ggcttggtga	aggcgtgggc	180
tgaggattct	ygagaggcct	cctygctatc	ttagaccacy	ggktctttta		230

<210> 341
 <211> 200
 <212> DNA
 <213> Murine

<400> 341						
gaattcccat	atgcaaaag	actgaatgtg	gaccccttga	ctttctcttg	ctcccgatct	60
ctgtgcctcc	tagtagagca	cccgcccaact	gggcagccca	ggaaagagct	ggagacatca	120
gcccagtgga	cttcttagaa	gttgaaaaag	caaaaataaaa	cattttcaga	gagcgtttcc	180
caaaawhcg	agcatctcca					200

<210> 342
 <211> 350
 <212> DNA
 <213> Murine

<400> 342						
gaattccccc	acatcaaaaa	ttatttaagt	tgaccaagat	aaaaaactgt	ctctaaaaagc	60
ttatatcat	tagaagtagc	aaaaataata	ataaaggaag	agattagaaa	acagccatca	120
aattcagaca	tctacaagaa	ttctccaaca	tctgctctct	tatctcggoa	tttgcttcga	180
gcttttgttc	gagctttgaa	agctgcagag	ttatataaat	gcctttcaca	acgagaaatc	240
ttcatggttt	taagttgttc	agcatcaagc	atcacagggg	ggctccagct	caaatacttt	300
tcgaggratt	mmwtttgtct	gcaagtggta	ctgcatecc	gategmagaa		350

<210> 343
 <211> 376
 <212> DNA
 <213> Murine

<400> 343						
gaattcgcgg	cgcgtttttt	tttttttttt	tttttttttt	tttttttttt	tttttactgt	60
taaaggatttt	attgcagtaa	tacaacaaag	gtttagaaaa	catctgtgtg	atcaacctga	120
cctggaagtt	tcagtcgcag	caaggggggt	ctgacgttgc	agctttccca	atgcacacct	180
gaacccccc	caatgctgac	cccatacca	tggttaagtta	catttcttgg	ttctacgtaa	240
gaccatgaac	agcccggtgtg	gtgcctctga	gtgtctatta	gtattacctt	gttccaaagaa	300
atcatttttta	aattgaaaac	atgatcaact	tctatggtct	tcggtttaaa	aaaaaaaaaa	360
caaaawacca	gcttca					376

<210> 344
 <211> 481
 <212> DNA
 <213> Murine

<400> 344
 gaattctgtcgt tttttgctgt caccagcaac attgctctgt ctaacatctt tgaccgacac 60
 gttcttttaca ttgaagccca cattgtcccc aggaagagct tcaactcaaa cttcatggtg 120
 cattttcaaca gacttgactt cagttgtttac attgactgga gcaaaagtaa ccaccatgcc 180
 aggcttgaga acaccagtct ccactcggcc cacagggaca gtgccaatgc ctccaatttt 240
 atagacatcc tggaggggca gtgcgagggg cttgtcagtt ggacgagttg gtggtaggag 300
 acaatccaaa gcttccagca gcgtgggtgcc actggcactg ccactctttgc gggactttcc 360
 atcccttgaa ccaaggcata tttagcactg gctccagcat gttgtcacca ttccaaccag 420
 aaattggcac aaatgctact gtgtcagggg tgtagccaat tttcttaatt taggtgctga 480
 c 481

<210> 345
 <211> 507
 <212> DNA
 <213> Murine

<400> 345
 gaattctttt aactgtatta ctgaatacct gaggtagttg agtaaaaatg cacgtttaat 60
 accctgccaa cagcggtcgg cacttccctt aggttatcca tgttagttgt agagaaacag 120
 gagacaacag ctctcttatt ctaattggctt aatgttgtgt tctcttgaca attctacttt 180
 gatccaattt caacaatttg acttaggaac aatctagttt taaatttatt tgataaattt 240
 agtgaattga ccatttatdc caatttctgg cattatagag ggatattaag aaaaatttagc 300
 acgtttgtta tactttgata tcacaaggga agtgcagagt tctctttcct tacccccact 360
 tttgtttgtt tggggttttt gttttgtttt ttatttttagc tgttttttgt gcatgataca 420
 agttwagatg ccttgatgtt ttgatttttg atgacatgct atgttcttgt cagtgggtgg 480
 tcatttgcag taatyygatt gaggaca 507

<210> 346
 <211> 429
 <212> DNA
 <213> Murine

<400> 346
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 atactcccaa taagagaaca tattcccaaca acagaataac tcaattccctt aattgcaagg 120
 aagattttta ggcattgagt ctcaaaactgt aatcttacca ccagcagctg taatgctgca 180
 aaaattctca ggttctaccc agactacta gatcagybct ggggggttagc taggcagcct 240
 gtgtgctaac aagtctctct ggggactcag gtacacaatg aagtttaaga aaagtgtctt 300
 tcaggctggg gatcacagttc hgttgggaga atcttgccata atatgttcaa ggcctgagt 360
 ttggttatca gcattacata agtgtgtgtt tgtacatgcc tgtcctcttt gggaggttagg 420
 agataaagg 429

<210> 347
 <211> 274
 <212> DNA
 <213> Murine

<400> 347
 ghccccgggc tagagcggct tttttttttt ttttttttgt ttttttaggc agggttttctc 60
 tgtatagccc tggctatcct ggaactcact ctgtagacca ggctggcctc gaactcagaa 120

atctgectgc	ctcgcctccc	cagtctggga	ttaaaggcgt	gccaccact	gccagcttt	180
tttttttttt	tttaatcctt	tttttttttt	ttaatatgcta	agtgggttga	ctgggttttca	240
gtggtagacc	acgtggaaat	gagaatatatt	atca			274

<210> 348
 <211> 287
 <212> DNA
 <213> Murine

<400> 348	
gaattcccg	gctcgagcgg
cggttttttt	tttttttttt
tttcagaaag	ccagttttatt
60	
tctaagactt	tgctataaaa
cttttagcgg	gtaccaatag
ttacctgcca	tactcgccacc
120	
aagttgtctg	tatagccagc
aaacagagtc	tkgccatcag
cagaccatgc	caaagaggta
180	
cactgggggtg	gctctgcctt
kctgctgggtg	ctgataactt
cttcttcaat	tcattctacaa
240	
tgatcttgcc	ctccaagtyc
cagatcttga	tgctgvgcca
tggcgcgc	
287	

<210> 349
 <211> 403
 <212> DNA
 <213> Murine

<400> 349	
gaattcgctc	tccttccctc
ggaacaacat	tagctacctg
gtgctctcca	tgatcagcat
60	
ggggctcttc	tcctcgctc
ccctcattta	tgccagcatg
gagatgttcc	ctcggcacag
120	
caactctacc	gccatggcaa
ggcctatcgc	ttcctgtttg
gtttttctgc	tgctctctgc
180	
atgtacctgg	tggttggtact
ggcagtccaa	gttcatgcct
ggcaactgta	ctacagcaaa
240	
aaactcttag	actcttggtt
caccagcaca	caggagaaga
aacbgaaatg	aagcctgctt
300	
gataaaactg	tcctgagggg
taaaacctag	gbctcccat
gagcagcgk	aagggagchg
360	
tccagactct	ccatcgattg
tygcatctgt	gatgttkgvc
acc	
403	

<210> 350
 <211> 231
 <212> DNA
 <213> Murine

<400> 350	
gaattcgggt	accatcggtta
agccaatcgt	ttatggcaat
gttgccagggt	actttggaaa
60	
gaagagagaa	gaagacgggc
acactcacc	gtggactgtg
tacgtgaagc	cctacagaaa
120	
csaggatgatg	tcagcatatg
tgaagaagat	ccagtttaaa
ttacacgaaa	gctacggcaa
180	
tcctctaaga	gtcgtcacc
agcctccata	tgaaatcaca
gaaacargat	g
231	

<210> 351
 <211> 321
 <212> DNA
 <213> Murine

<400> 351	
gaattcgggc	atctggctta
ggtgccttac	actggttgca
ttcattttctc	caagagaagt
60	
tcattgttctc	acatgtagga
ttaggacact	tcacgtctcc
agctcgttgc	tgctctccac
120	
ctccaccacc	tcacactggg
aatctctccc	ggccaccacc
accactgcca	ctctctccat
180	
agcctccacg	gccatgggt
cctcctcgvc	ctcggcctcm
vccaccattt	ccaccacccc
240	
gattgaagtc	agctcggcgg
gtagcaaatg	aaaacttta
taggattccc	agagaattct
300	
ttaccatcaa	aacmagtoga
t	
321	

<210> 352

<211> 319
 <212> DNA
 <213> Murine

<400> 352
 gaattcgccg gogtttatatt ggagcaaaatt cagctcccgg agctggcagg ttgaatgcag 60
 gaggagttcc accaatttgct ccaattccctt ccattgtttgc agcttggcca aaacgtttcag 120
 ttgttgggtgg ggtcaatcca agggttccat ctggcctcat agtggcagggt cctggaggagg 180
 ctggagtagc aggtgggcaca ggagcagggg gcctcgcgcc tctattgttt atgcccattag 240
 cacctcccat agccatttgg cccatccgta tctcttvttc tctcgcatac gggaagggttc 300
 ccttgaatcc ttccwgcgt 319

<210> 353
 <211> 286
 <212> DNA
 <213> Murine

<400> 353
 gaattcttcc atatttgtat catgtagctg tgcttttagc ttttcatatt cagctaaaaat 60
 ttgttccataa agcttttttga agtcagttga gtcaccccttt tctagcctgc tactgttaagg 120
 ttttctgtct tctaagtaac tgtatgaagc agagcgaccc agcaagggaat cataccgatc 180
 acttgatgat gtggaactgc tgtcatacct ggaaacagaa tccgtctaga aagtaaaaaa 240
 aaaaaaaaaa ttckgscckc hcgadcgggg aattccacca cactgg 286

<210> 354
 <211> 379
 <212> DNA
 <213> Murine

<400> 354
 gaattcccag tttctggctg ttataaataa ggctgctatg aacatactgg agaattgtgc 60
 cttattgcga gttgaaacat cttctgggta ttgttccagg agaggaattk ctggatcttc 120
 tgggtggtgt ttttttccaa ttttctgaag aactgccagg ctgatttcca gagtgcctgt 180
 attagcttgc aatcccacca acaatggagt gtttcttttt ctccacatcc tgcgcagcat 240
 ctgctctcac ctgagttttt gahcttagac attatgacyg gtgtgagggtg gaattctcagg 300
 gttgttttaa hgtgcatttc cytgataaatt aaggatgttg acmtttcagg tgcttctcag 360
 ccattcagta ttgcgcagg 379

<210> 355
 <211> 319
 <212> DNA
 <213> Murine

<400> 355
 gaattcgaca aacagtaaga ctgactgga atatctagtt acagaatatt ccagggaatt 60
 ctttgggtctt atcatttttaa ggaaaaagaa aagcaacggc aagcagaatt acaggagaah 120
 gaaatcgtag aaaaaaagtt taagaatagg ttggaaaaatg caaaaaataa acctcgtycg 180
 ctgcaaaagag ctatgggttac tccagtggaa acctacaggt tggattttac gtctgtgctt 240
 acataaatat ggtttgcaga agcaaatgat atatataaga atgtataaaa gtaatttttc 300
 tttgaaatta ttattttct 319

<210> 356
 <211> 104
 <212> DNA
 <213> Murine

<400> 356
 gcgcctaggcg agcgcgcctg cctgaagctg cgcattcccg atcagaaatg acccagtcgt 60
 cgtcctctcg gcaccgaatc gtatgattct ccscacagcat gctt 104

 <210> 357
 <211> 87
 <212> DNA
 <213> Murine

 <400> 357
 gcggttaggcg agcgcgcctg cctgaagct gcgcattccc gatcagaaat acccagtcgt 60
 cgttctctc cccgaatcg atattct 87

 <210> 358
 <211> 260
 <212> DNA
 <213> Murine

 <400> 358
 gaattccgct gcctcaagct ggcttaagtc ctgctgagat tcagcaacta tggaaagaag 60
 tgactggagt ccatagtatg gaagacaacg gcatcaagca tggaggggcta gacctcacga 120
 ctacaatttc ctctcgcact acctctctca ccacgtccaa agcatctacc acccatcaca 180
 catcattcca tagtgaacgg acagtcttca gttctgaatg caaggcgga cagctcatca 240
 catgaggaga ctggggcctc 260

 <210> 359
 <211> 163
 <212> DNA
 <213> Murine

 <400> 359
 gaattccgag gccacgcgcg cgggtgagaa gctagtttcc ggctgcgcgc aggcgccgga 60
 ctccgcgcag cagtttctgt cctactcgga gagcgagaag caatggaaa mgcgcatgga 120
 gttcatctcg caactgcct gactaccgag acccaccgga cg 163

 <210> 360
 <211> 552
 <212> DNA
 <213> Murine

 <400> 360
 gaattcgtac agtoacacaaa gtcacatttc agaggaaatc ttaatagatc ttctcacagc 60
 caaaaaatgca agaagcacac attttatagt ttaagtgtg tatctcagag cctcagtcga 120
 tacagaacaa agtcagccca acaaaatcag ttaaggaaa acaaaagtta atttgcttg 180
 gttctctagc taacacttgg ctattttccc actcaggtgg aggagtgtgt aattctgcc 240
 gtgccggga gctgagcacc caggctaaaa cacacaaaa aacacaagtt aggtcctggt 300
 gctgagaaa ttacagttag agcggaggct gctgacagcc tggagtctct ggaatgatca 360
 caactccagc agcacaacct tgacttaca ttgacagctc tgccttactc tggggcttga 420
 aaacccca gaaggcgaaa gctgactota agaggcaagg tctgtcttgc ttgtgttcta 480
 ttgccagaa gagacacat gaccaaggca actttgaaag catttaattt ggggkcat 540
 ggtcccaagg gg 552

 <210> 361
 <211> 434
 <212> DNA

<213> Murine

<400> 361

gaattcctgg	aactcactct	gtagatgaag	actgtagcag	aactcagaga	cccacctgcc	60
tctgcctctc	aagtactggg	actaaaaggca	tgcagcacta	ttgcactgct	gagttttgtt	120
ttctttttct	ttcttttttt	tttttttttg	tttttcaaga	cagggtttct	ctttatagcc	180
ctggctgtcc	tggaactcac	ttttagtacc	aggctggcct	cgaaactcaga	aatacgcctg	240
ctctcgcctc	tgccctccga	gtgctgggat	taaaggcatt	cgccaccacg	cccgcccttc	300
tttttttaag	attaaaagta	aattactttt	attaatttaa	agttatgtgt	gtgtttttct	360
ctaggtatgt	acataagaat	gcagatgccc	acacaggtca	gaggcatcag	atcctcctgg	420
agttaawgct	acaa					434

<210> 362

<211> 426

<212> DNA

<213> Murine

<400> 362

gaattctgag	tgagctgacc	caaggcccat	tgggctcaga	ccttgctgaa	tatgcttggt	60
gacacctaaa	cctgcgcgct	gttctcattt	tggaactgtg	tctggctttt	gcttttctct	120
ccgcacagga	aactatcatg	aaattccttc	ctttgctttg	gtgcacaaagc	ttcatctcat	180
ccatttcttc	agcagccatt	tcttgagtg	ctgcactgta	ctgggctctg	ttaaaaggcca	240
gggaaaaagc	agatgttgga	aaagaagcct	gcatacttcc	ctgagatgta	agatgtaact	300
cagagttgag	aaaaggagg	ggtgacattt	gtaacttttt	cccttgctgt	acagttctaca	360
ataaattata	ctacataaaa	ttctttaaca	gtattcatta	atgtagctga	cccattagga	420
tggaag						426

<210> 363

<211> 452

<212> DNA

<213> Murine

<400> 363

gaattcgctc	caaccattct	ggctcaggaa	gagtgtagc	atgcttctcg	acaactgcta	60
gaaaaactgt	gagttgagta	cactgctcct	ctttattatg	gcccaaacct	ctgacctctg	120
gtttcttttg	caaggaactg	aagaaagagc	tgagaccttt	cttattctct	ggaatgtcag	180
aggaagatca	catgacaaa	gctgaacact	tttagcttta	ttgtgtacta	agtcacagtgt	240
atcaataaag	aaaataaact	actctggctg	ctgtagggtg	ggagatgagt	atcatggatt	300
ctagacaaa	tgaccaactc	tctctcatat	acaaaavcaca	ctctgggggr	ctccaaaagc	360
gatcttctcg	aaagctagac	ttctgttaag	taactccaac	aacacagttc	cttbgggtgaa	420
tatgtaagtt	tttttaaaat	atttttaaga	ac			452

<210> 364

<211> 380

<212> DNA

<213> Murine

<400> 364

gaattcctgc	catttccagg	agattgctga	gcattctcac	aaaaaccaga	actttccaag	60
tgctgagtag	gatcaccacc	taaataatac	tcttcttgtc	caaatgtgct	catagagcta	120
cagtaacctt	cactatctga	atcacttggt	aaatgggtga	ttcctgaagc	atcttcaactg	180
ggaatctcat	ttctatcttg	gtgagcacag	acaatgggtg	tctgtctgct	gagagctctc	240
atctccaggc	ttttctatct	caavcttctg	gtgcccggga	agaatcagta	tgaatgtcac	300
tctgtatate	ctgaacaaag	ctacotttat	agccattgta	acaatgattt	ccaaattctt	360
atctctgatt	ycytcagctt					380

<210> 365
 <211> 308
 <212> DNA
 <213> Murine

<400> 365
 gaattcccg cgcctccctct taatcatggc ctacgttccg aaaaccaacw aaatagaacy 60
 gcggctccat tcattatttc ctacgtcggg tatccaggcg gctcgggcct gctttgaaca 120
 ctctaatatt ttcaaaagtaa wckcttcggg ccccgcgagg cactcagcta agagcatcga 180
 gggggckcgc agaggcaagg ggcggggack gkcggtgact cgccctyckg hkgaaccgcy 240
 ketccccaag atccaactac gagcttttta actgcagcaa cttaatatata cctattggwg 300
 ctggaatt 308

<210> 366
 <211> 479
 <212> DNA
 <213> Murine

<400> 366
 gaattccagc ttgtgcataa aacttttagc gggtaaccaat agttacctgc catactcgca 60
 ccaagtgttc tgtatagcca gcaaacagag tctggccatc agcagaccat gccaaagagg 120
 tacactgggg tggctctgcc ttgctgctgg tgcgtgataa ttcttgcctc aattcatcta 180
 caatgatctt gcctcccaag tccagatctt tgatgctggg ccagtgccag cgcagagcca 240
 gtacgcggtt gggctgaagc acaaggcatt gatgatgtcc ccaccatcta aagtgtagag 300
 gtgcttgctt tcattgagat cccacagcat agcctggcca tccttgcttc cagaagcaca 360
 gagggatcca tctggagaga cagtcactgt gtccaggtag ccagtktkg ccaatgttgg 420
 ttgggtcttt agcttgcagt tagccagatt ccacaccttg accagcttkk tcccatccg 479

<210> 367
 <211> 475
 <212> DNA
 <213> Murine

<400> 367
 gcgcggattc ttatcactg ataagttggt ggacatatta tgtttatcag tgataaagtg 60
 tcaagcatga caaagttgca gccgaatata gtgatccgtg ccgcccwgga cctgttgaac 120
 gaggtgcggc tagagcgtct gaacgaacgc aaactggcgg aggttcagcag 180
 ccggcgcttt actggcactt caggaaacag cgggcgctgc tcgacgcact ggcgcagacc 240
 atgctggcgg agaattcatac gcattcgggt gcgagagcgc acgacgactg gcctcattt 300
 ctgatcgagg atccgcagc ttacggcagg cgctgctcgc ctaccgccag cactcggcg 360
 gctcagca tgcatctaga gggcccaatt cgccctatag tgatcgat tacaattcac 420
 tggccctgct tttaacaagt cgtgactggg aaacaccttg cgttaccaca ettaa 475

<210> 368
 <211> 543
 <212> DNA
 <213> Murine

<400> 368
 gaattcatta actgtgctgt gatagtagt aggggggtgaa gtaagagggt aagcgctga 60
 tgctccctgc tgctttggaa atggctgttg ctgaggtggc tggagctgtg atattaaaga 120
 gtccatcatg tcacctccta taggagaagg agggttatca tctcattta cagatcttct 180
 ccgagcatct tgattgctat caacaaacat gttcaggaaa gtctttaate ctggtcgagg 240
 atagaagctt tcaactaac tgcgtttatc atgaacagct atggcacgct ccgctattgc 300
 cagcagcctt cgactacggt agtatatgct aatgcagtag atgttctga aggcagctct 360

gatgtgggtg	gatgattgtg	gtaaaatgga	gaaacccygg	taggcsagt	tagttctctg	420
gtcaagccca	acattggaac	agtagggagt	ttgttgatag	cattttaatgg	tgcttgagta	480
tcaacacaaa	cctgtaataa	ctgaccacat	ttggtgtttt	gtttgaacat	ttcttgaagt	540
tga						543

<210> 369
 <211> 409
 <212> DNA
 <213> Murine

<400> 369	
gaattcggcg	gagggcgaggc
ccgcgccgcc	ggcggtctg
ccgagtacca	atgagtgcga
gctactcctg	ccgcaccaga
tggaatggat	ggggtacaa
ctgactggga	aaaggtaccc
caaaacaccc	ttggagtagt
	ctggagcata
	aaactacctc
	taaaacatc
	60
	120
	180
	240
	300
	360
	409

<210> 370
 <211> 139
 <212> DNA
 <213> Murine

<400> 370	
gaattcgaa	atttgcacg
caaaactgag	gaattatatt
sccagacct	gtccctat
	60
	120
	139

<210> 371
 <211> 382
 <212> DNA
 <213> Murine

<400> 371	
gaattctca	aatatctata
acacagtcca	cgatgccctc
tggggttaca	gatagtgtct
tagtcttcac	atatttatat
aagctatcac	aaaattctgt
taactcaatt	cctctcttta
ctagaatcaa	cacagtaaaa
	at
	60
	120
	180
	240
	300
	360
	382

<210> 372
 <211> 319
 <212> DNA
 <213> Murine

<400> 372	
gaattcctgc	tataataacc
aagagtttaa	gattttattt
gtacatgcct	gggtcccata
aacaggttcc	tctgttaagag
ccagtttttg	gttttcaaaa
aaataaaatg	ttggcaaaa
	60
	120
	180
	240
	300
	319

<210> 373
<211> 261
<212> DNA
<213> Murine

<400> 373
gaattcgatg ttctgctcagg agagatgagg taacaaacta ttgataacaa catagccata 60
agagaccaat actgacttca agactcaaaa gaacacagac cctaaaaatca cagctttcag 120
gcagtgtgtt tctagaccac ggggcaactg tacmgcacaa agcagcatgt gacaagaaac 180
atcattgaca aggcagttct catgggggat ggagcaggct agtgggggtc ggggtcactg 240
cyggaamct tcagaccgca t 261

<210> 374
<211> 557
<212> DNA
<213> Murine

<400> 374
gaattcgcgt cggacctgcg gagcccagga tgggtgttgc cgagagcgag cagttcctga 60
cggagctgac caggctcttc cagaagtgcc gctcgtcggg cagcgtgttc atcacctca 120
agaaatatga cggctgcacc aaacctatcc cgaggaagag ttctgtggag ggcctcgagc 180
ctgcagaaaa caagtgtctg ttgagagcca cggatgggaa aaggaaagatc agcaccgtgg 240
tgagctccaa agaagtgaac aagtttcaga tggcctattc aaatctactg agagccaaca 300
tgagcgggct gaagaagagg gacaagaaga acaagagtaa gaagagcaaa ccagcacagt 360
gacaggcggt ggctgctacc aaccagctgc acaagtgc at ttttctctg tttgctgctt 420
tcagcacctc tgatgtgaac tgtttccacg gaagggtcct ttaagagaga aggactggga 480
tgggcctggg ctagtgtgbg taagacgcca kttttsattg tgcygtgtg gctggatatt 540
cttagattcc agccgta 557

<210> 375
<211> 195
<212> DNA
<213> Murine

<400> 375
gaattccatt ggcaatttct ttttccaatt ccataacttt attcatttcc aaagagagct 60
ggttttcac aataggcaaa ctttgttctt gacgaatcag tctggccaca gaaatcataa 120
aatccacata tgcgtgtgaa gctctttat atawtccagt gcaatcagac gcatgccccyc 180
amgcatagtt acaac 195

<210> 376
<211> 288
<212> DNA
<213> Murine

<400> 376
gaattccttg agaattaaaa tgaacgaaaa tctatttsc tcaattcatta ccccaacaat 60
aataggattc ccaatogttg tagccatcat tatatttctc tcaattcatt tcccatcctc 120
aaaacgccta atcaacaacc gtctccattc tttccaacac tgactagtta aacttattat 180
caaaacaata atgctaattc acacacaaa agggagcaac atgaacctta ataattgttt 240
ccctaatacat atttattgga tcaacaatc tcttaggcct tttaccac 288

<210> 377
<211> 197
<212> DNA

<213> Murine

<400> 377

gaattccttg	tgtgctgggt	cagctccata	cacccagcaa	ttcacctgta	agatctgtcc	60
tgctttggag	gccgtggagt	ggagtcttcc	tttttcagga	tgaagaagat	tggtcttccc	120
taaaagacaac	agctccagac	aggtctcaag	attccctgtt	ctcacacttg	aatgggtcat	180
actgagatct	ttccgtc					197

<210> 378

<211> 229

<212> DNA

<213> Murine

<400> 378

gaattctgga	gttccgcagc	ttgacccaca	catttgccag	agggtgagaaa	gtggccgctg	60
aggctcttgc	gcttccctga	ggccgggttc	ttcacgagag	agcagtagtc	gttctcaagg	120
tggggagcga	aggggctgct	ggccccgctg	cggchcgcca	caggacagac	catcggaaga	180
gctgtvygcc	tcagagttaa	gggatggctt	cttggggccc	aggcgggag		229

<210> 379

<211> 57

<212> DNA

<213> Murine

<400> 379

gaattcatgg	aactactcca	tcaataggca	aagtggcatt	gattttttatc	tcdattt	57
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<210> 380

<211> 356

<212> DNA

<213> Murine

<400> 380

gaattcccaa	aagtgaata	agatgtccac	attaaaaaaa	taaaagctac	aaaaaagttc	60
tgagagctaa	aaaattattc	atatggcaca	atgtgatctc	caagggtccaa	aatattgaaa	120
tgagatccgt	gtaagcatcc	tgtctgcttt	tcaatgcagc	actaacttta	ctgaggtgaa	180
atcacattt	agttcttcag	tcaacaagt	gacacaaatg	tttttctaca	gttattaaaa	240
acaggagatc	aagttgaatg	tdccgaaatg	atttcttcag	ttggatattt	tagtatcttg	300
aagaaaaatta	gtdaagggat	acttgtcggt	tccatagcgt	gatagaccaa	aacaaa	356

<210> 381

<211> 371

<212> DNA

<213> Murine

<400> 381

gaattcgcac	gcaagcccta	tcataccaca	ggaacacagag	cacaagagaa	gtgtacagt	60
gagtgggcat	scgtaaaaag	atgggtgttc	caagcagaag	tatatgcaaa	grrtttgcta	120
aacagaaaat	gaacagatag	cttataccat	tagatcagat	tttgaagggt	tttaggatgc	180
atggagatgg	gccactaggg	ttgactatga	cagaggtcag	gtattatgtg	tttacttaag	240
attcctttct	dscgatgaga	atgcattctg	actccagcat	gcaccagggtg	cgcttdctdc	300
ccagadctgg	gattgccaat	tccaagtgtk	cctagccttg	aggattgacc	ttggsctga	360
gcatagcctg	t					371

<210> 382

<211> 323
 <212> DNA
 <213> Murine

<400> 382
 gaattcwcgc twchcttcc tcagthcttt caaagtcaca ggaacctggc aatttcctt 60
 ttctattccc ctcccacttc cctggtaagt hctctcggga atatcacaag agtttccaga 120
 hctgggtcgg atcaccttcc ctgttaattaa ttaattatga gaagaacag acagtacaat 180
 agatctgata agatgtagca ttcttggttaa gattaaacaa tacattttatc maayhgtatc 240
 agaacaaaatt aacataatat ttaattcttat mmvccaacat aaccacagga attgtttattt 300
 ccaardggag agtcttggtta gaa 323

<210> 383
 <211> 379
 <212> DNA
 <213> Murine

<400> 383
 gaattctgtt tatgtagcat ataaataata taaaattaaa cataaagaac ttagtatattt 60
 attgtaagtg aaaaaataaa aactagaatt gtcatattaa tggctctgca tatcaaatata 120
 ttctaccaca gtctctgttaa tacatactaa cagcattaga cacagggaaa caatcaagat 180
 gatcaaatcc ataacaacaaa actgtattgc taacattgta acattttata agagttaatt 240
 gaatagtac caaagtcttc ccttaaccct tccatctgat gactgtgaga ttgtttttta 300
 agtttgctgt aaaagaagac ttgccttgcc cwmctatacc tycaaccaat ctatagaatt 360
 cagaggacca ggagggtac 379

<210> 384
 <211> 63
 <212> DNA
 <213> Murine

<400> 384
 gaattccaac agttttgaaa gtaattaaga gaaatcaca acagttaatt ctgtcctcca 60
 aat 63

<210> 385
 <211> 193
 <212> DNA
 <213> Murine

<400> 385
 gaattctttt aatacaagtt attgtcgaag aaatcactgg agggagaaaa aaaaaatctt 60
 ctccawccca caacacttaa aaagtaacac atgaaaggag aaatctggta acaagcagga 120
 tagactcat tctagtataaa agaaataatg ttccaaaaca caatctaaag caggcttcca 180
 ttagcaaga aat 193

<210> 386
 <211> 252
 <212> DNA
 <213> Murine

<400> 386
 gaattcgagc gccgtttttt tttttttttt tttttttttt tttttttttt tttttcttct 60
 tctttcttts tctttcttct tctttcttct tctttcttct tctttcttct ttgggttttt 120
 tctgagacag gttttcttct atagcctggc tgtctggact caactctgtg acaggbggct 180

caaactcaga aatctgtctgc tctgtgttg agtgctggga taaaggcgtg ccacacactc 240
ggctgagayc tg 252

<210> 387
<211> 103
<212> DNA
<213> Murine

<400> 387
gaattcggac aacaactccc acaagaagaa catcttcgag aaacccttca ggctcgtctac 60
gtgcgtgtcc ttccagtstc ctggcataac cgcatacccc tgc 103

<210> 388
<211> 153
<212> DNA
<213> Murine

<400> 388
gaattccaga tcccattaca gatggttgat agccaccatg tgggtgttg aaattgaact 60
caggacctct ggaagagcag tcagtgtct taacctctc ccagcccat gtcttatcatg 120
tttrtttaaa tgaggaaaca tagtgtggtg att 153

<210> 389
<211> 337
<212> DNA
<213> Murine

<400> 389
gcgttaggcg agcagcgccct gccctgaagct gcgggcatcc cgcatacaga atgagcgcca 60
gtcgtctcgc gctctcgcca ccgaatgcgt atgattctcc gccagcatgg ctccggccag 120
tgcgtcagc agcggccgct tgttctgaa gtgcagtaa agcggcggt gctgaacccc 180
caaccgttgc ccagtttgct tgytgctaga ccgtctccc acctcgttca acaggtccag 240
ggcgbacgg atcactgtat tcggctgcaa ctttgtcatg cttgacactt tatcactgat 300
aaacataata tgtccaccaa cttatcagtg ataaaga 337

<210> 390
<211> 281
<212> DNA
<213> Murine

<400> 390
gaattctttt tttttttttt tttaaagact tattttattat taaatataag gacactgtaa 60
ctgtcttttag acacaccaga agaggggtgc agatctcatt accaatgggt gtgagccacc 120
atgtgggtgc tgggatttga actcagatc ttcagaagag cagtcagtcg tcttaaccac 180
tgagccaact ctccagcccc ccaaaaagaca gccagcatta cactgagctt agagccagcc 240
tggttatgta tcaagtctgt gtctcaaaat gaaaagtga a 281

<210> 391
<211> 262
<212> DNA
<213> Murine

<400> 391
gaattctttc aactccaatc tctgaacttr ctcattgctt ctcagcttca aaatgcaagc 60
acagactaca gctaactgag aactgggtcc actcaggggc tatggcgagc gagccctgac 120

gcagtcctcc	govgctgcc	caggctctta	ccagcaggta	gtgctggcg	tggtcagctg	180
ctgcctcatg	ctgggcaggc	tctkctgcct	gtgcaacatg	tctgacggaa	gttaaggcct	240
ccagtgtaac	aaggtttctc	ac				262

<210> 392
 <211> 399
 <212> DNA
 <213> Murine

<400> 392	
gaattcgttt	tttttaattg
ttttttcttt	ctaagagaag
cctctcgaca	cacccagacc
gaggatggga	aggagggggg
tacctctttt	tgagaaacca
gctccttgct	ctcatctgtg
tcagcagggt	tccagggcca
	ctgtgcagtg
	gcactatagc
	ggaagcggtt
	ttctttgttt
	gggtgcaatg
	ctcggcaccg
	ccggcggggg
	aatcattcag
	gatggtgagg
	tctgcgccca
	cttctctctc
	ccatcttagg
	acaacttgag
	tgtctggttc
	tcchgggttc
	gcatctagc
	60
	120
	180
	240
	300
	360
	399

<210> 393
 <211> 632
 <212> DNA
 <213> Murine

<400> 393	
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ttctcctgga	caatattaac
acatcaggga	aattcttttc
ctgtgccttc	tgctcttaag
ctaaaaggac	aaaaaacttc
ttgcgatctc	taaaatttta
aaaaacaaaa	cagggttgcat
gggtttcttt	aaaatataaa
cmataattcta	agaaaaaac
aataaaccaa	ggattaaacc
ttctgatgtcd	catgtacgrr
	arccagaagc
	cc
	gagagagaga
	gagatcttgt
	gtattttatg
	agctaaatgc
	tagctgcgtc
	agaatttgaa
	ttaaattcatt
	gagaatttaa
	atgaataata
	agctcattca
	yttagtatag
	60
	120
	180
	240
	300
	360
	420
	480
	540
	600
	632

<210> 394
 <211> 376
 <212> DNA
 <213> Murine

<400> 394	
gaattcacgc	gtcgacggc
gcagggggag	aggaatttaa
actcctcctt	cttctcatct
gtctgcaga	gccaggggca
gcttgccaac	accctgacga
cttggtgagc	cgatcatcgt
ttggcactag	gagagg
	cgcttttttt
	tttttttttt
	ctgctgcagc
	ccacagcccc
	aatgttcttt
	ccattcagct
	cactgatgac
	gtcgtcatcc
	gactcctcgg
	ccagcagcag
	acactggcca
	gcccacctgt
	ctagtatttt
	cttgatgtct
	60
	120
	180
	240
	300
	360
	376

<210> 395
 <211> 348
 <212> DNA
 <213> Murine

<400> 395
gaattcrgcc gcttttdrrt tttcattacg gtaaacagga atatatccar atgctaatro 60
ctcctttgac cagaaatgga acatgctgaa ggatgaagac aaggatcttt dvcctttgct 120
tgaggtagch garctgggga cgttcagtta ttctaacagt gtcattcagt cacagtcagt 180
gcttgaaaca gaattgtgtgt gtgtgggtaaa aatatctgtc ttcacaacag tttctgggtgc 240
rttgtagaat agcacataac tgcctttctrc agtttgtddt ttgacagtat aatgtatgtt 300
ggtoctattt aaccacaatc atctctccct ctaacattgc aacacccc 348

<210> 396
<211> 468
<212> DNA
<213> Murine

<400> 396
gaattcgcac ttttgatgtg tcaatcctca ctattgagga tgggaatttt gaggtcaaat 60
caacagctgg agacacccac ttagggtggag agattttgac aaccgaatgg tcaatcattt 120
cattgtgtgag ttcaagcgaa agcacaagaa agacatcagt gagaacaaga gagctgtccg 180
ccgtctccgc acggcctcgc agcgcccaag cgcacctctc cctccagcac ccaggccagt 240
attgagattg attctctcta tgagggaatt gactctctata cctccattac ccgggtctga 300
tttgaggagt tgaatgtcga cctgttccgt ggcacactgg accctgtaga gaaggccctt 360
cgagatgcca agctggacaa gtcacagatc catgatattg tcttgggtgg tggttctacc 420
agaatyccca agattcaaaa cttctgcaag acttcttcaa tggaaaag 468

<210> 397
<211> 381
<212> DNA
<213> Murine

<400> 397
gaattcgtct tcaacggcct ctgtaaatct cgggtgacccc acaaggcgta ctgaaggaga 60
ttacttatcg tacagagagt tacattcaat gggaagaact ccagtcatgt caggatcaca 120
gagacctctt tctgcacgag cgtacagcat cgtatggccca aatacatcca ggctcagag 180
tgcccgctccc tctattaatg aaataccaga gagaactatg tcagtttagt atttcaatta 240
ctcacggact agtcttcca aaagaccaa tacaagggtc gggtctgaac attctctgtt 300
agatctctca ggaanaagca aggttctcca tgactggcgg gacagtacta cgacacattg 360
aggccaaaaa gttagaaaag g 381

<210> 398
<211> 239
<212> DNA
<213> Murine

<400> 398
gaattccccc actcgagcgg ccgctttttt ttttttttt ttttttttt tccaagcaaa 60
ccaacacact ttactgtggc gcaggctgcc tcagactggt acttatttca gcccaagaac 120
tagaaggact tgaccagctt ggacggcat ctgctcmgct ccaggcttcc acgagctctg 180
gcacagaagg gttctctgaa aagtctacca caggaaactgt gtctcggcac atgccaaagt 239

<210> 399
<211> 391
<212> DNA
<213> Murine

<400> 399
gaattccaat aaacatacat tcagaagctt ttctcattct cttgaacaac acaaaagtga 60

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cctcctaaca	gtattttggtg	aagatgatca	atctcaggat	gttataagat	tgcgtaacaga	180
tgtaaatgat	tataaccgga	gattctcagg	gcagcctaga	tctgtaagta	atattatagc	240
agctacaaag	tcagagagag	cotttatact	ttttgtacaa	tcagatttat	caaccagcta	300
ttgaactatg	taaagtctta	gtatgtvtcg	actaagtttt	aaccttcac	attgccagth	360
gctagthhcc	cagagagcag	agtttatcta	t			391

<210> 400
 <211> 264
 <212> DNA
 <213> Murine

gaattcccg	gctcgagcgg	cgcgtttttt	tttaagtaga	tttagcttgc	ggacccccctg	60
gtgtgacaga	gaaggcccg	caaagtataa	agtagctaaa	agctgaggcc	tatgacccca	120
aagcccttgc	taacttcccc	ttgctaactt	cctcctgacc	agaggtctcc	tgcbgcccag	180
aggaatgaag	cacactagcc	tttagaggcag	gtctgcgctg	tggtgtctgtg	gaagcctcca	240
gcctttctca	gcctcctgct	aagg				264

<210> 401
 <211> 266
 <212> DNA
 <213> Murine

gaattcctcg	gtcaaaactcc	ccacctggca	ctgtcccccg	agcggttccg	ccccccgcac	60
gcgcggaagc	gaacgtttggb	gccagaagcg	agagccccctc	ggggctcgcc	ccccgcctcc	120
acggggtcag	tgaaaaaacg	atgagagtag	tggtatttca	cggcgccgccc	gcgaggcbgg	180
cgtgcccgca	ccccgacgcg	aggacggggc	ccccgcctcc	cacttattct	accctctcat	240
gtctcttcac	cgtgccagac	tagagt				266

<210> 402
 <211> 341
 <212> DNA
 <213> Murine

gcggttagcg	agcagcgcc	gcctgaagct	gcgggcattc	cgatcagaa	atgagcgcca	60
gtcgctcg	gctctcgcca	ccgaatgcgt	atgattctcc	gccagcatgg	cttcggccag	120
tgctgcagc	agcgcgcgct	tgttctgaa	gtgccagtaa	agcgccggct	gctgaacccc	180
caaccggtcg	ccagtttgcg	tgctgtcaga	ccgtctaccc	gacctcgttc	aaacaggtcca	240
ggcgccagcg	atcactgtat	thggctgcaa	ctttgtcatg	cttgacacct	tatcaactgat	300
aaacataata	tgccaccgaa	cttatcagtg	ataaagaatc	c		341

<210> 403
 <211> 369
 <212> DNA
 <213> Murine

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aaacaaactg	aacgcctaaa	gcgagggatt	tatttccat	ttataacct	aatcggttct	120
atthcaactg	taattgcctc	catcttaatc	caaaacctatg	taggaacctt	aaacctcata	180
atttttatcat	tcacaacaca	caaccttagac	gcttcattgat	ctaacaaact	actatggttg	240
gcattgcataa	tagcatttct	tattaaaata	ccatttatatg	gagttcacct	atgactacca	300

aaagcccatg ttgaagctcc aattgctggg tcaataattc tagcagctat tcttctaaaa 360
ttaggtagt 369

<210> 404
<211> 210
<212> DNA
<213> Murine

<400> 404
gaattccaca gatgtacaag cttaagatt tgaaagggaa acctgagagt gaacagagga 60
aagaaagaaa gaaggaaagg aagaaaggaa gaaaggaaga aaggaagaaa ggaagaaaaa 120
aagaaagaaa gaaagaaaga aagaaagaaa gaaagaaaga aagaaagaaa gaaagaaaga 180
gmagcagcgc atcattttcc aagttggttt 210

<210> 405
<211> 396
<212> DNA
<213> Murine

<400> 405
gaattcgctt gctgtgactg gtccacaatt cttttcttgt catcaccagc agcaacctcg 60
gccaaagtaac ggtagtgtc acccttcatt ttcaaataga agactttgct ttctgggttc 120
gaasattggg gatcaagaac ttttccaaaa gagacagtac atcggttcag atgtcacgca 180
gctccgtctc gatcttctct ctgtattctc gagccatctc tgctttttct cagcacctth 240
cgtcttctgc tcaatacttg agacagccct ccacgatgac ctacgggctc ctacacagtt 300
tttataagca acagagagaa ggtttctctc ctcatwcgac agctcagctc cctctcagtg 360
acagacttya tlcagggtgc catgtcatca tatcgc 396

<210> 406
<211> 286
<212> DNA
<213> Murine

<400> 406
gaattcgccg cttttttttt ttttttttcc caccggaactg atatcacg atggagagaa 60
caatgtctat ggctgcacaa atccagaaat actagaagaa aactagccga aactctttgc 120
taaattgtga atgtaaactat tgattactga catccttccg tttaaactct atgtgttgaa 180
aatgcaatct tgggcagcct ggggacaaat gttcagtgga tgcttcaagt tgaaactctgc 240
tgcatgtgca tgaggtttgg tgaamctgcm aagtccacagc ctgtgc 286

<210> 407
<211> 200
<212> DNA
<213> Murine

<400> 407
gaattcaaga cgtaggcagt acacagcagc agttcctgag tgtccctgtt tgtcacaacc 60
tggagagtgg tgaagttctc caggacactg ttcattcatgt agcgttcagg cagctgaagg 120
agcttgtgca ggaattaac caggtactca cacatgggag agcgcasaga cggtacacaa 180
agcgcccgct cttcagctgg 200

<210> 408
<211> 287
<212> DNA
<213> Murine

<400> 408
gaattcttttc ttcttttttt cttctttttt ttctttttot cttctttcac atttttacagt 60
atgcatactct gtcttaagta caaatagaat taagtacaaa cagtatagga ataaaaattgg 120
aattaaaagt ttgadtcttt acatggctca gttggtagtg ctgtctgtgc aagcatatac 180
taagccagat atggtggtgt gtgattgtca tctcagcatt aagggkggca gagacaggtg 240
tdcccttggg ttwscgctag ttatgtcgagc cagaattgca agctcca 287

<210> 409

<211> 392

<212> DNA

<213> Murine

<400> 409
gaattcccaa atgaactctc acttcttagg gttgagttc cagaagtact ggggaaagac 60
taaagcccaa gaagtgttga tgggggactg gggagattcc tcaatgggag aattcaggtc 120
cccaggtccc ggaacttgga atgtgccttt taactgagat ctttggggct ggtgagacag 180
aatgtcagcg tcccgtgtac ccagtgggtc tcaatcttcc tgtgctgtga cctttaaata 240
tagttcacat tgtagtgtac ccagccatga aattthgtt gctattttat aacctgagt 300
ttgtgtttat gaactgtaat gttaaattgt ttttcaatgg gtcacagggc gaccccccaa 360
agtgtgtggc gcacaggttg agaaccactg gg 392

<210> 410

<211> 382

<212> DNA

<213> Murine

<400> 410
gaattcggcg ccgctttttt tttttttttt ttttttattg tcaagtattt atttatacct 60
acaaaagaaa acaaagatgg atcaaaaagga caatttcaa actaagaata gtagtaacat 120
agctctgagc atcctgtgca taacatcaca cctacaattc aagtctcaat gacagggaatg 180
tgtggagaga ccagcaaggg cgttagcaga gcaactgacc caagcaaaaag ccaccaacct 240
tttttagatg agaagtctgc acaattggatg gttagggaga agcagccac agcctaacac 300
ctagbcttcc taagtgtgta accataacgg cattaaccca gctggaaggg tttgctgac 360
ctgtgtgtac aaaggacaga ca 382

<210> 411

<211> 264

<212> DNA

<213> Murine

<400> 411
gaattccccc gccttggcac agaggactag gtgtgagagt gtgaggttcc cacccccacc 60
tttcttgccg bgtctccctc ccccgacaca gccaccctcc gtgctcacb botgggagct 120
tgttgcctct tgtcaaggb gcgtaattbc gacactctct agggcgcagg gagccctgat 180
ttacatattt ctccbgagtb cbttcccttg tagggattct ctcttbggtt ctgacaccag 240
ggacaagagt bcaractgga aaaa 264

<210> 412

<211> 337

<212> DNA

<213> Murine

<400> 412
gaattcagaa ccagaagcca aaarccaata aaaacaaaaa tactamcaag tcacttwcca 60
gctttaaatg tttaaatatt gcatggatca attttagaag ggcattgtat gtaaggcata 120

ctgtgacatt	tcagtcacca	aaagaaacaa	tcttctctaaa	tcactagctt	ctaggctgdc	180
cttctcaatc	atgtgtctgt	ctgtctgtct	gtctgtctgt	ctgtctgtcg	tagccagacg	240
tgactgacct	tgtgttccac	cttccaagta	ctggatgat	aagtgtcwg	rattatcctg	300
gcttagtctt	tgaaagtaga	achgagcaat	agggaaac			337

<210> 413
 <211> 280
 <212> DNA
 <213> Murine

<400> 413						
gaattcagct	cacggaagat	gttgctaaat	tggaaagaga	aatggagcaa	aaacacaggg	60
aagawctgga	gcaattgaag	caattgaact	tcaaggacag	taagatagat	tctgttctgt	120
ttaacatttc	aaacttggtg	cttgagaatc	akccacctcg	gatttcaaaa	gcacaaaaaga	180
gacgggaaaa	gawgkctgca	ttggaaaagg	agcgggaaga	aaggatagca	gwgkctgaaa	240
ttgagaacct	atctggagcc	agacaccttg	agagtgaaaa			280

<210> 414
 <211> 408
 <212> DNA
 <213> Murine

<400> 414						
gaattctgtt	tattgggaaa	tgtatgcaat	tcactttcag	tttttgagaa	cacctagcaa	60
gcattcaaga	agacagcaca	cacagtttca	aaggaaacag	gacagacaaa	agggctggtg	120
gccatccagc	ggacattgac	ttgaaaaagta	agtaaacctg	gtgtctataa	taagactttc	180
ttactttata	agaagggaaga	atcaagatcc	tggtttgatg	tgtattaaat	ataaaatata	240
aaatactctc	tgaccagagc	gagggtggrv	gaaatcctcc	atccaacacc	tcaagtttca	300
tgcaataaaa	tccagaggtc	tggtgaatcc	gcctytcgat	ycatgtactg	cctgtactyc	360
ctctttttgag	acacgttgat	ggcatagcca	ttacagagcc	gtctacct		408

<210> 415
 <211> 247
 <212> DNA
 <213> Murine

<400> 415						
gcgtagcgga	gcagcgccctg	cctgaagctg	cgggcattcc	cgatcagaaa	tgagcgccag	60
tcgtctcgcc	ctctcggcac	cgaatgcgta	tgattctccg	ccagcatggc	ttcggccagt	120
gcgtcgagca	gcgcccgttt	gttctctgaag	tgccagtaaa	gcgcgcgctg	ctgaaccccc	180
aaccgttccg	ccagtttgccg	tgctcgtcaga	ccgtctacc	gacctcgctc	aacaggtcca	240
gggcgggc						247

<210> 416
 <211> 374
 <212> DNA
 <213> Murine

<400> 416						
gaattcttca	tgtgtgaagca	atacctactg	gtgatgtcgg	atgccctgga	gctggagtta	60
tcggcatttg	tgatgatcct	atttgttaggc	acagggaaaca	aactctcgca	agagaagaaa	120
agactcttaa	ctgctgagcc	atctctcagg	cccccaacct	ctccattttc	tgctaatata	180
acctctccct	hmtcagcct	tgattcatgc	ccataattta	ctctgacaca	tttcaatttc	240
aaagaaatac	cattactcct	tagggattgt	ctcttggtac	ctcttgagat	tgatcgttat	300
gaatgtaaaa	gcacgggggg	ggggggggcag	aaatcacaac	tgtaaatca	catctacct	360

ctcgtgcctg gaat

374

<210> 417

<211> 381

<212> DNA

<213> Murine

<400> 417

gaattctcc	tacaacttca	ttaactgcgt	actccttatt	atcaacattt	ccctgcgact	60
tcttacaatt	ggcatactcc	tcaagaatgg	catcgacatt	ctttttagca	gggagctgga	120
acaactgctt	ctgcctcgta	accaagtccc	agtcctccac	cagccacggt	tttaattctt	180
cagggatctt	caacctcacc	tccatcctac	tcttgaatgc	ctccgctctc	cacagtgggg	240
tcagcccggt	cccttttctt	ccgagggggc	tgggggactt	cactggtach	gcctccgtct	300
ccgttgccag	gagccttctt	tggtctchhg	gtctthvgca	cagaaccgga	aggarggttc	360
tcagcagagc	gagcctcccc	a				381

<210> 418

<211> 190

<212> DNA

<213> Murine

<400> 418

gaattcgctt	gctggagaga	gagcactccg	ccgggggctg	gtgaagtatc	ccaagatggc	60
tgggcgtaaa	cttgctctaa	aaaccattga	tgggtatctt	ttgtggaggt	catgccccaw	120
aaccagaagg	caatggaat	vccctgaagt	cctggaatga	gaccttccac	ccaggttggc	180
tagtctgtct						190

<210> 419

<211> 191

<212> DNA

<213> Murine

<400> 419

gaattcgag	cttgaggcac	agacgaactt	caccaagaga	gaactgcaag	tcttgtacmg	60
gggattcaaa	aacgagtgcc	ctagcggtgt	gggtcaatgaa	gawacattca	agcagatcta	120
cgctcagttt	tmmctcacg	gagatgccag	cacatatgca	cattamctct	tcaatcttcg	180
acacacccag	a					191

<210> 420

<211> 252

<212> DNA

<213> Murine

<400> 420

gaattcgggc	tcgagcggsc	gctttttttt	tttttttttg	gctgtgtaca	cagggtgctt	60
tattctccac	agagtgtatc	atgctaaggt	gggctgggct	tggycgatgt	bcccatatgt	120
acagaactga	ataaagtggg	tctctgagag	gtctgagtcg	ccttggtgtg	aaarggacat	180
gggaaggagg	aggctgttaa	gaccagagtt	gttagtctgt	gctgtctgac	tggatgtagg	240
gaggtaggca	gc					252

<210> 421

<211> 379

<212> DNA

<213> Murine

<400> 421				
gaattccccc	gctcgagcgg	cgcgtttttt	tttttttttt	ttatctttca agcttttatt 60
taagtgcact	gacttaagaa	tgattttaaat	cttggttaaaa	gcagccacat ccatggactg 120
taagtgtctc	tcaaaagcag	taatttgctc	ttccagcata	tcogttccaa ccttatcatc 180
ttcaactaca	cactgtattt	gaagcttttt	aattccatat	cccactggaa ccaatttaga 240
ggagccccac	accagggcac	ctgcttgaat	gcttcggaca	cactcctcta gttttgtcat 300
gtccgtctca	tcattccaa	gcttccagtc	tagtaggatt	ggaagacttc gcaacaactg 360
caggcttttt	agctttctt			379

<210> 422
 <211> 296
 <212> DNA
 <213> Murine

<400> 422				
gaattctctga	gagcaggtcc	tgtagagcct	ggcggacagc	attacactct gccacaatgc 60
ctcccgacgg	tcattcacgtg	tcagagatga	gtcagccatc	agggcagccc cactaataat 120
gctttccagg	cgtctctcca	gggacggcct	aaagcgcctc	tyytgaagct caagkkgtcc 180
acaatgattt	gtttatcaaa	gttggtgaga	gcgtatccag	ctctccgcca ctgccaccct 240
ggtgctgggc	agcatcatct	gatgcagctg	cctgggctgc	attagaaatt tctctgt 296

<210> 423
 <211> 296
 <212> DNA
 <213> Murine

<400> 423				
gaattctctga	gaactaaaaa	aaatatttca	tttcattctg	aataaaaaac agaacagaca 60
gaactcttgt	aaattctgaa	aacaatgtcg	tcgctaagga	aaatttccaa gaaatcatca 120
gggggtgtgg	ggaccaaggt	gcctgccctg	ccacgagcgc	cacttatctg cagtccacga 180
ggagggcttt	agggaccagc	acaggtgggt	gcagagcctg	aatcaagctc aggaacgcagc 240
ttctacctgc	tcgaccaaga	cccggtggcc	cagagggcag	cctagggtct ycagga 296

<210> 424
 <211> 299
 <212> DNA
 <213> Murine

<400> 424				
gaattcccat	cagaaaaaaa	aaaaaacttt	gcagccagct	ctacttgaaa gcattggagat 60
gtgaataaag	atgcctaggg	ttgctagtgt	gattagccat	ctcctgacct ggaaataaga 120
cccaaaaggg	aaaacaagaa	taaaacctga	cagacacctc	ctattttacat ccagctatgt 180
acaattcaat	aaattaaagt	ttcaactttc	gagcagtcac	attccacctc tttaacaagag 240
atatcaataa	attatcaaaa	ctctttgtcc	aatgtcgtgt	btctckttta ttatttatct 299

<210> 425
 <211> 256
 <212> DNA
 <213> Murine

<400> 425				
gaattccgag	gcctgggcct	agtggcttaa	cagtacgcac	agcagcagcg gcggcggcgg 60
cgccagcagc	ttcccggtgc	gagcacaggg	cgggaagccc	gcacagggcg gtatagaaaa 120
tggcagacga	tattgatatt	gaagccatgc	ttgaggcccc	ttacaagaag gtgagaaaa 180
acgctagtga	ggctttaata	tatttcttaa	tttagcatta	ttcacgaaac twetgtgaa 240

atgtaaacta accttc

256

<210> 426
<211> 238
<212> DNA
<213> Murine

<400> 426

gcgtaggcga	gcagcgcctg	cctgaagctg	cgggcattcc	cgatcagaaa	tgagcgccag	60
tcgtcgtcgg	ctctcggcac	cgaatgcgta	tgattctccg	ccagcatggc	ttcggccagt	120
gcgtcgcagcd	gcbcccgctt	gttcctgaag	tgccagtaaa	gcbccggctg	ctgaaccccc	180
aacogttcbc	cagttttgctg	tgtcagaccg	tctcccgacc	tcgttcaaca	ggtccagc	238

<210> 427
<211> 348
<212> DNA
<213> Murine

<400> 427

gaattctttg	ctacaagctg	ggacagctgc	aagaggagtg	gcagagcagg	ctcccgttgt	60
ctctcaagtc	tttttccctt	gactaattgg	aattcatagg	ggtaatttat	agaggggtgtg	120
ggaagtacat	ttgtttgcaa	cctgacagtg	actgtgagtt	cctcattaac	caccatacat	180
gggctctgtt	ctaagctctg	tggttatca	actgtcta	atgtctaatt	gtctaattta	240
gtctttagtg	ttcttgaagg	atttaggtac	cagtgtagca	tttagcaaat	aagcaaaactg	300
aggcacaaaa	ggttaagact	gcttaggaaa	ccataggcaa	tgagtggg		348

<210> 428
<211> 241
<212> DNA
<213> Murine

<400> 428

gaattcgcgtt	ttctttgtgt	gaacagtagt	ggtgaggcct	atgtttttat	gtggccttag	60
agaaaacttc	agtcttcaaw	gaactcttct	aattagttcc	ttcttagaaa	aagttatgcg	120
tttaatttgtt	tcaaaatatt	taggcattct	ttgaattata	aacttgtgat	gcagggattt	180
atgaatgaga	cgttcacatg	tgaagatgac	ttcactawgc	atctgtgtaa	gcagaataag	240
a						241

<210> 429
<211> 329
<212> DNA
<213> Murine

<400> 429

gcgcggatcc	tttatcactg	ataagttggt	ggacatatta	tgtttatcag	tgataaagtg	60
tcaagcatga	caaagttgca	gccgaataca	gtatcccggtg	ccgcctcgga	cctgttggaac	120
saggtcggcg	tagacggtct	gacgacacgc	aaactggcgg	aacgggtggg	ggttcagcag	180
ccggcgcttt	actggcactt	caggaaccag	cgggcgctgc	tcgacbcact	ggccgaagcc	240
atbctggcgg	agaatcatac	ccattcggtg	ccgagagccg	acgacgactg	gcgcccatto	300
tgatcgggaa	ttccccacgc	tthaggcag				329

<210> 430
<211> 261
<212> DNA
<213> Murine

<400> 430
gaattccgcg gcttgggccc agtggtctaa cagtagcgac agcagcagcg gcgccggcg 60
cggcagccac ttcccggtggc gagcacaggg ccggaagccg cacaggcgag tagagaaaa 120
ggcagacgat attgatattg aagccatggc ttgagggccc cttacaagaa ggtgagaaaa 180
acacgctagk gagctttaat atatttctta atttagcatt attcacgaaa ethctgctga 240
aatgtaaaat aaccttccc g 261

<210> 431

<211> 317

<212> DNA

<213> Murine

<400> 431
gaattcgctta gcgccggcgcg cggaatacca ggcgttggtt ggctggcgac taggcctctt 60
gcagagaatc cggcggggaat ctgagccatc cgagcccgca ccatgacggt gggcaagagc 120
agcaagatgc tgcagccatc tgactacagg atgaggtgca tctctgcvgga cdgcgctatc 180
ttcatcgagg ccttcaaaag ctttgacaag cacatgaact tgatcctgtg tgactgtgat 240
gagttcagga agatcaagcc aaagaactcc aaacaagcag aaaggggaaga gaagcgagtc 300
cttggtctgt tgytcc 317

<210> 432

<211> 358

<212> DNA

<213> Murine

<400> 432
gaattcgggg gatatagtc agtggttaag agcactgact gttctctaga ggtcctgagt 60
tcaaatccca gcaactataa cagtgggttca cagccatctg taataggatc caatgcccg 120
ttttggtgtg tctgaagaca gtgacagtgg actcatatac ataaaaataat tcttaaaaga 180
atgttaaaaa aaaagaacat ttatttttaa taaataaact aaattaaaga attattttat 240
cattattaac tgtgtatatg tgcacgtgaa tggagatgcc tataaaggct cattggaacc 300
cgtggagcgg gagtettaga caactgtgag ctgccatgta ggcactggga agtgaact 358

<210> 433

<211> 280

<212> DNA

<213> Murine

<400> 433
gaattccttt gaaacaaaac gacttattta cggttacttt ccttataaga aggaacagca 60
gtctcttaata atcaccataa agtgaagtgc attttctcca gtttcttcta 120
ccctaagaca tgttttttgg agaccacaat gacttttgta ttttaataatg taagtttcta 180
ttcagataaa atgatccagt ttcaagacag gtgagaagcc ctatttaagt ccaatggctc 240
acaatatgga ctgagaacag gagacatttt yccctycaaaag 280

<210> 434

<211> 252

<212> DNA

<213> Murine

<400> 434
gaattcgctt tgtccccaca cagcacacac tgctcgtctt tgtccaggta actagggata 60
taccctgaca tgctgctttt caggggacat tggcgcgtct ttcttttttg ctttccatct 120
ggtgacctgg cactgttctc ctctgggtct gacccacact ccaccttctg tggctctctg 180
tccattcact tcaattccat ccaggatgct ctccagrcg ccaagagact ggggtgggca 240

cactggcccc cc

252

<210> 435
<211> 392
<212> DNA
<213> Murine

<400> 435

gaattcctga gcsgcacttc atcgatgatg tacagatgcc cctgggtctg gtgggtgctt	60
cctgcagcca gacagtcacc tgtatcccca actgcacttg gcgaaactat aaggcggaag	120
tgcgcttcga gccacgcccc aagcccgccg tttctcagc accaccatcg tctaccccaa	180
gtaccocaaa accgtctaca ccaccactct ggattacaac tgccacaaga agctgaggag	240
gtttctgtcc agtgtggagc caggccacgg agttcctggg cgcgatgggc tagccgatga	300
atgttgactc agctagcttg aggttgagcc agctgttcat acactgccct ggtcccccaga	360
ccaccctgga caagctgggt agcattgctc tt	392

<210> 436
<211> 238
<212> DNA
<213> Murine

<400> 436

gcgtaggcga gcagcgccctg cctgaagctg cgggcattcc cgcacagaaa tgagcgccag	60
tgctgtcggc ctctcgccac cgaatgcgta tgattctcgc ccagcatggc ttgcggccagt	120
gcgtcgagcd gcbcccgctt gttcctgaag tgccagtaaa gcbccggctg ctgaaccccc	180
aaccgttcbc cagtttgctg tgcagaccg tctcccgacc tcgttcaaca ggctccag	238

<210> 437
<211> 327
<212> DNA
<213> Murine

<400> 437

gaattctttc aaagtatata aatagaaaaa ccttaaaattg aactgaacag gttatttaat	60
gagcagcagt aatatatata tatatatata tacacatata cacacacaca cacacacata	120
cacacaacaa caccaaaata cgacagaaga aataacaaaa acaaaaacca ttataaaaagc	180
agtaattatta gggaaaaaagt ccaataaagta aatgtataag caataagcac ccaagaaatt	240
aaaaacactc aaaaaactc tcagaaaagt tctgtcgcgt ttgtgaacct tttttttttt	300
tttaatacaa tcgacaacaa acattaa	327

<210> 438
<211> 380
<212> DNA
<213> Murine

<400> 438

gaattcattt tatctagggt gactctgaaa aatgctgtag attttctttt tttttattaa	60
taacaacaa aataatataa aaagtcaaac aaactgcaaa cacacgtttt ctoactcaga	120
aaacttttta taatttaccg gaaagattgg tgactctttc caaagtgtca aaaaagtgtc	180
ccaattacat taagcattac taagtcattc aaatacaggt tcagtgaggc gcaatgaaat	240
gcagcgatt tgagcagtaa ggcgtctcgc ccacctcccc ttgcacaggt cccaccagaa	300
gacctcttat tgcacaagtg acatgctgta aaacctaggg tctcgtkggt cagggaacac	360
cattcaggtt cttcaacctg	380

<210> 439

<211> 150
 <212> DNA
 <213> Murine

<400> 439
 gaattcggaa aagtgcttta ccctagatgt ttgacctagg tcaaatataga cccctgactt 60
 tctggaaaca aaatatgtag ttacctttta ctctgacctat catctccacac ctgcctaagg 120
 tacttagtcc tagtttagac ggcctctatg 150

<210> 440
 <211> 432
 <212> DNA
 <213> Murine

<400> 440
 gaattcaaaag ggagaaaaac aaaagttcat gactgtgatg cccaacataa cagttctagg 60
 gcaggatgac caggaggacc ctcccatgag ctgtctccca gctccaccg ctgggcaagg 120
 atcattttaa ggatgggagc ttctggggcc acagcaccta gttttgcggt taaagggagt 180
 gggggggagg gtgaacacga agactgagga gggctcgggg catggtgaca aaaagagcta 240
 ggctgcctca ccccaactc gattgtctaa cagataaaat gcttgccat aaatatgaac 300
 actgattgac tgttgaggca gattggatct aaaacttgca ggsagaaca aaatkgtctg 360
 gacaccctg aatttggtat catagtatct ggggtccatg tcctaactta ggagtggatt 420
 ctgtctaaaa at 432

<210> 441
 <211> 323
 <212> DNA
 <213> Murine

<400> 441
 gaattctcga tctggaacca ccagccatgc ttcttaagg actgggaaat gcacgtccac 60
 ttcaaaagtc atggcacagg gaagaagaac ctccacggag atggcattgc cttgtggatg 120
 acccgagacc gcctcgtacc agggcctgtg ttggaagca aagacaact ccatgggttg 180
 gccattcttc tgggacacgt atccmatga tgaaccact grgcgtgtgt ccccgatcat 240
 ctgcgtgatg gtgaacaawg gctctcctgt cgtacgatca tagcaaaagt ggaagatgga 300
 gtgagtggc agctgcacg ctg 323

<210> 442
 <211> 412
 <212> DNA
 <213> Murine

<400> 442
 gaattctttg caaccaacat gaaataaaaa aaaaaaaat ctgtaagctt aaagtttaat 60
 gtggtgaagc cagcatggct gaagaacacc aactctccct ccatgggtgt cattgcctgt 120
 tgacctgtgt gtgtctctcc tcacatgatg gcagggtcatg cgagaggccc ctggttccca 180
 tgaataaggg ggggggggta ggtgaatagg ggaactgaca atgcagggct ctcccttctc 240
 catcgtcttt gtctgtaact tttaagacaa aatttgaaat ttgaaggtag tctcaaatcc 300
 tggaaggttt aaaatttgat ataagataaa aaatggaac ttttattaaa ataagtactt 360
 taaactaaca ctgaatagtc tagaccgtta acagaaggaa aatcttctgc aa 412

<210> 443
 <211> 444
 <212> DNA
 <213> Murine

<400> 443
 gaattccccc gctcgagcgg ccgctttttt ttttttttac ttgctaagcc atatogaatc 60
 atatgttttt ccccccaagc aatcagtttg cttttctcaga tttttattga aataaaaggt 120
 ccaggtcatt tctaggactt ggaggatttc ctgtaaatct actaaattag cacatcaatt 180
 aaattgccct aactcgagct gtggaagaca acagtgtcca ttgtacggg atcctggggg 240
 ttcttgcatt ataagtgttc ctcaatgogt ggcgtgttcc caaatgtcca cctccaaaaa 300
 agtcactcgt aatcttggtta aattagaaca cttccagtat ctttctgact tttaacagta 360
 aggttacaga attgattttaw ttatagatcc atggctctca gagcttaaca ctgacgaagc 420
 cccatggcta gaatgcccc aggg 444

<210> 444
 <211> 433
 <212> DNA
 <213> Murine

<400> 444
 gaattccata aagcaaacat tgaataaaga tgaatatgca ctggtaaact taaaaataa 60
 aaaacccaaa acgtttctgtg ctctttttatg tgttaagatgc taaaatcaag tctctttcca 120
 gatggctcac caccttgat ttatgcaggg ttctacactg aacctagagt ttacaatttg 180
 gccagcttgc ttgtggggt actatctcta cattcccaagt gcaaggattta cctctggact 240
 acatatccac ccatttttaa gggctggaat ctggttttca ttgtctgcta gtgctttatc 300
 tattggacta gctccccagc cacacagtaa ggcatacttt aaaaggctat cacacctgtg 360
 atctaattct gatttcacag gctaagaagc tattaataatc aaggaacat gaactagttw 420
 aacaaaaatg gct 433

<210> 445
 <211> 420
 <212> DNA
 <213> Murine

<400> 445
 gaattcaaaa ttcatttcta tatcctcttc gatgtacacc atctccacag acttaattct 60
 ttgaagccag agacctggta gactgtgacc cagtaaaaa ggcttttgcc tttatgtaca 120
 tcagatccgg gcagggcagt gacatcaact aacacgggtg ttctttacaa gagcaacagg 180
 gtgtgtgtgt gtgaggggtgg gactcctctt ccaagatcc agccttcaga ctgacagctc 240
 tgccctttca tctcacctcc tgagcaatca cacaggttta ccaatgttta accacatact 300
 taacaagaaa gggcaatcct tctgtaaacg ttctctgctc aaggtaacaa acatgccctt 360
 ggattgggtt caggagatca gctaggagac acctgtgatc cccgtctcca ttctcccgag 420

<210> 446
 <211> 317
 <212> DNA
 <213> Murine

<400> 446
 gaattctttg gggggaaatc cccaaatttg ggcccatc tagaactctg gggagttcaa 60
 attccagaga gaatatatat tatatatgtc ccccaattt cccatccctc caagcccccac 120
 gatctctaga agccccaaat ttctaattcc caggacttcc ctaccaagt aacagaaatct 180
 tcaaatcccc agggaatcca aacttaagac cccaatccca agctcaggaa acccaactac 240
 maggtcctaa ggctgggagg aaggacctg ttgccaggct ctcagggcac ctcaaacact 300
 gactaccagg caccagg 317

<210> 447
 <211> 290
 <212> DNA

<213> Murine

<400> 447

gaattccgag	cggcggtttt	ttttttttt	tgttttgtt	ttgtttgtt	ggttggttg	60
gggtttttt	ttgtttttt	gagacagggt	ttctctgtat	agccctggct	gtcctggaac	120
tcagaaatcc	tcttgcctct	gectcccaag	tactgggatt	aaaggtatgt	gtgcccaccg	180
ctcagcattt	wcgtatatcc	ttattcttca	aaactaatct	ctacagtcaa	tttagcaagc	240
tcaaatagat	caatgatcca	aagaagtaca	gactagaagc	agatcaattt		290

<210> 448

<211> 396

<212> DNA

<213> Murine

<400> 448

gaattcaatt	aattagaggt	aaaattacac	atgcaaacct	ccatagaccg	gtgtaaaacc	60
ttaaacattt	acttaaaatt	taaggagagg	gtatcaaagc	cattaaaata	gcttaagaca	120
ccttgcttag	ccacaccccc	acgggactca	gcagtgataa	atataagaca	ataaacgaaa	180
gtttgactaa	gttataccct	ttagggttgg	ttaatttcgt	gccagccacc	gcggtcatatc	240
gattaaacca	aactaatat	cttcggcgta	aaacgtgtca	actataata	aataaataga	300
attaaaaatc	aacttatatg	tgaaaaatca	ttgttaggac	ctaavvcaat	aacgaaagta	360
attctagtca	tttataatcc	cgacactaag	acccaa			396

<210> 449

<211> 373

<212> DNA

<213> Murine

<400> 449

gaattcgaa	agatggtcct	tctcagggca	tctcgggaaa	cctggtctgag	aaagaaggtc	60
tggtctttta	agctgtcagc	tgcctggaga	agttttacgg	ggtttctgac	ttcaaatcga	120
ttcttgaaca	gcccgctcagg	cttcttagtg	tgtctttgtg	caaagacttc	ctcatctctc	180
agtggagtc	tgccgttagtg	gccagtgcca	acggcatctg	ctccaagatt	gtccacagca	240
tagtgataaa	agcaactgaa	cttgatatgc	ttattgcagt	tgatgtcggg	gtttgagtc	300
ttctttctca	taccgktcaa	aaagtcactg	aacacatcat	ttcaatactc	cttcacatag	360
gacacctggt	gga					373

<210> 450

<211> 420

<212> DNA

<213> Murine

<400> 450

gaattccagc	acctgcgtas	cgcacgtggt	acgtccaggc	cacctgtgac	acccaaggca	60
caggcctgta	tgatgggctg	gactggctgt	cccacagact	gtcaaaagcg	tagccagcca	120
ggggcaggcc	cctgctgccc	ggaagctccc	gcgtgcatcc	cgggatgacc	agactccogg	180
actcctcagg	cagtgccctt	ctctccccc	cttctctccc	acagacagcg	ctctgctctc	240
gcgcctgect	gcattgctctc	tcttgtcggt	ggagcctgga	gccttgcctc	ctgggcacag	300
agggctctgc	tctctgctgc	gctgggacct	gtggatgggc	ttcctggcca	agggcccttc	360
ttccagggga	ggagcaggga	tctggattta	atttggtttt	ggttttggtt	ttttgatttt	420

<210> 451

<211> 405

<212> DNA

<213> Murine

<400> 451	
gaattcctca gtttcttcaa atatacatgc ttccaagcac ctcccagggt tagtggtccg	60
gagtgagttt aettcagatt attcattaca actagctgtt atttgtttat aatgcccttg	120
tgattgtaca ctttgcataat gttactcctc ttattactca gagtataaac tgtctgatgt	180
tctgaataaa gttagctatt gcatgagact tcaagtctgtc tcatttaaat gctccattct	240
cccagggtccc atcacagtaa acaatacata atggattttt ttgtttgttt gttttgtttt	300
ttgttttttc gagacagggt ttctctgtag cccggctgtc ctggaactca ctctgtagac	360
caggctgttc tccaactcag aaatccgcct gcctctgcct cccaa	405

<210> 452

<211> 446

<212> DNA

<213> Murine

<400> 452	
gaattgcgtg tggcaccocat tcatgtaact tctctatttc atgtaaacaa agttgctggt	60
gactgtggct cctgacctgt acgtcttatt tggatttttc tctgatagcc catctaagaa	120
cttgaattca caccctttgt gcagggtctgt ggttgactcc tgggtgagggg tggagtgatt	180
tctgtgactt gagaacgaat ggacacaagt gctaagcagt ctgctgggct ctgctgtgct	240
ttagtgtctt gttttccctg acatgggtgtc caatcctgaa tttattcaact ggctttgtgt	300
ccattgaagt ctgagtcctg agcgtccatt tcttcttcag aaccatctgt gttttcaata	360
actctacggc cccacgccct tctggaagga acaaatgaag cctgcgtttcc hctcctgggt	420
gctcactcgc aagtttctctg tggggg	446

<210> 453

<211> 464

<212> DNA

<213> Murine

<400> 453	
gaattcgttt ctctggggcc tcatgctgcc ggtgacatc ttccatccag agcatgaggt	60
cacgcaccat gctgaagaag cggaaactgt ctctgtgtgc taccagccgc accctgcgac	120
ctccacaagg atccagcagg gacttccagg ctccaggac ctcaattcca cgcttctgga	180
tgtcatcagg ctgtccctcc gcataggctg cctggaggcg agtgcattcc tccgtcagct	240
gcctcacctg agtgcaccaga gcttggatgt cgtgctcaaa ggtggtgtgc attctctgta	300
aagtttccac agtggttttg tctcttccaa gctcctcagg gagtttcttg tgtttgtcct	360
ggattgcgcc aaagatctcc ttggcatcat ggtaaaaact atgaagtcca tatgagcasc	420
aagaatctgt gttcttctgt caatgagctc caggagggtca ccca	464

<210> 454

<211> 369

<212> DNA

<213> Murine

<400> 454	
gaattcgtgt ggtgtgtgtgt ggtgtgtctgt agtttacctg ctacatcaga acgacccccg	60
atcccagcca ttgcttctgtg cctctcttta tagtcagata ttgcttctgt gtgaacctgt	120
gaactattga aacaacttgtc tcttgttctg ttctgttcag ttgtaatacac tgttaacatgt	180
ggagccacac agtcacctcc acgggctgtg ggagcwgctt tgttgtctgt gtccatacat	240
gggacctcta ctggagtag gctctagggt catttggtcta agaacaagcg agtaacacta	300
gaacacaagc tctgtctggg tgagctggag awcatggatg ctctgccagg gtgagcagga	360
gawcatgga	369

<210> 455

<211> 295

<212> DNA
<213> Murine

<400> 455
gaattcggaa ccttaggcac tgcagtagac accccaaggc taaccacaaa cttaaagtgg 60
aaaatcttat rgtttttccc ccttggtcag acacagatat atttgaagaa ttccaaatt 120
tagagttctc aattttgggt acatcaagac ttttaaagta gaatttacgt agtaacagaa 180
gagaaaaatc tgggaccttg aaaacagtag atttcacctc ctttgggsta aaagtcacct 240
tcagtttaag gsgggcattc acagaaaacc tcagctggag catctcgtgg cgcag 295

<210> 456
<211> 391
<212> DNA
<213> Murine

<400> 456
gaattccttt cttccttctc tcttctctcc tggccttctc cttcttctcc ctttcccct 60
tctctctctc cttccttctc ctcaggagac ttcacgggag acttttctgc tctctggtcc 120
tctctctctc ctcggcctct tcttctctcc ctttggcgga ggtgccaac tctctgcga 180
tggctgtgag ggtttctctc atttctgact tctcatcttc cmttttagtt tcttcgatga 240
tctctctcac aaatttctgt tggaccttga gcttgggggc ctcgactttg gtcttctgaa 300
tcttactgga tattgtgact gagggctgtc ggtgtgtgta cagargcccc gtgatgcttc 360
ctgaaaatgt gctaaatctg gtctcttccc c 391

<210> 457
<211> 308
<212> DNA
<213> Murine

<400> 457
gaattcagtg aatggtgtaa atgctctcca gtgggggtgt gagagagcag gaagccagtg 60
ggcaggctgg agcaggtggc tcatggaagg gtgggttagg gaccttcagc ctgacttctc 120
ctggcggggg gacagtaggg tgggcagaac caggaagccc atgactctgt ccatgtgtgc 180
tcccttctcc cctccttacc cagggtctgt catcttcacg scccctatgt ggctgcccgt 240
cacccttgcc tgtcccaccc gtagtccatg caccctgtccc cgtcactkgt tccctgcttg 300
gactgcag 308

<210> 458
<211> 206
<212> DNA
<213> Murine

<400> 458
gaattctcag catcatctcg tagtagttgg tgaggttctg cttccaaaag tgaaaggtac 60
ggatactgag ggtctcagaa acaaggccgg ggaggaaggt ggcagctcgg ttgaaggcca 120
tgaagaaagc catttgccca catgtagtaa gtctcgtcat gctcgtgcct cttcccgcaa 180
gcagatgac ctgaccgcc ccatga 206

<210> 459
<211> 383
<212> DNA
<213> Murine

<400> 459
gaattcgatg cttctataac ccaaggaatg ccacggattg ccagcaagtt cagaagttaa 60

gggagatgct	tttttaggat	cctttccagg	gcccctggaa	gaaatcaact	ctgctgacct	120
cttgacataa	gacttcaagag	cagtgaatag	tctctgctct	tttagacatc	tggtctgggg	180
tcctatatta	gggtagctcc	agcaaaacttg	taacttccct	gagcaagtg	ttggcacaga	240
cctgttattt	acttaaatgca	tagttccctt	tgctccctata	ttacatttac	tacagtctca	300
catactacac	tttaccatt	attcatgagg	gtaaacttga	tgatcactgt	ttattcagca	360
cctagacaga	gttggggatc	tgc				383

<210> 460

<211> 324

<212> DNA

<213> Murine

<400> 460

gaattcgtcg	gcttagcagg	tcagaaaagac	gtaagcacag	accatggcct	atggaagaag	60
ctggactatt	aggaacctgt	tgtagaaaacc	caggagaaca	tagaagacaa	ataagggaag	120
gtttgggggg	atgaaagaat	aggggggggtg	gcaagatag	ctccatgttc	cttgctctga	180
gaacctgagg	atagaagttg	ccattcattg	tctgtgaaag	atggaaagga	twaataaagg	240
gaaatgtcca	gatctgtttg	ggagcctgtt	gaacatgagg	aaaccaaggt	ggggtgttca	300
gcccgtgatg	atcgtaggag	tctc				324

<210> 461

<211> 296

<212> DNA

<213> Murine

<400> 461

gaattcctcg	cgctcgcggt	gcggagacta	gaaggaggac	tcgggatccg	gctcgcgct	60
cgccctcgct	cgccatggag	aagaccgagc	tgatccagaa	ggccaagctg	gccgagcagg	120
ccgagcgcta	cgacgacatg	gccacctgca	tgaaagccgt	gacggagcaa	ggcgccgagc	180
tgtccaacga	ggagccaacc	tgctgtcggt	ggsctacaaa	acgtkgtagg	ggggcccgag	240
tcobcctkga	gggtcatctc	gagcattgag	cagaagaccg	acacctcttg	atwaga	296

<210> 462

<211> 210

<212> DNA

<213> Murine

<400> 462

gaattcagag	aatacaatcc	aattcactgc	tacaattcat	agaattcgtc	agtgttttct	60
tgagagcgtg	aggttcactg	ttggcagttt	ccagtggccg	catgtgctgc	tcagaaaggc	120
cagcgccaga	cagctgccc	gaagaacttt	cactgctgga	aaactgbtgc	ctcccaagga	180
aagcccaagg	aaggctgggg	ccgtggstca				210

<210> 463

<211> 303

<212> DNA

<213> Murine

<400> 463

gaattcaca	attttgctaa	tgatgtcaaa	taaagattgg	ttgtcaatgg	gcagcacaca	60
gtctgcatgc	tcattcagtt	ccttcattggc	cagcatactg	ttataaggcg	aggtgatggc	120
atcgctttca	ctgggaaggat	aaaccgtgtg	cacaaaccgg	tacacttctg	ggaattcact	180
ttcaagaacc	tttaacagaa	atgtgcocaa	ccagagacct	gttcctccgc	ccatgggagt	240
ggatgatgaa	gaagcactgt	aagcaatcgc	actgctctgc	cgacttccgc	agtttctcta	300
aaa						303

<210> 464
 <211> 511
 <212> DNA
 <213> Murine

<400> 464
 gaattccttt ctttctttt ttttctttt ttccttttga agattttact gcttttatgg 60
 tacccccctt actctgtggt gtcgagctgt ccatcagcat cacgtgggtg agtctgggat 120
 ctactgacct gacctcacca gtctcagtta tagacacttc cataagacggg gtgactggat 180
 cctgacggct cacaacacca cagagccata cttctctctc ttcgggttgg tagaccttga 240
 ctctgtggcc ctggacacta tagggacctc ggctgaaaat ctctgttagc ttttgggtcac 300
 tgatcaaaag attaaactgtc tctcttaatg cagcatgttc taaaagaatc tgattttgaa 360
 catctgttcc catctggaac agatgcvtcc cattagcaco cgacaggaaa cgaagctctc 420
 gatcacaaag tattcaactg gcaccacaga ccccaacscg agcttatcta ctaggggggg 480
 tgaaagtcag gghggccact ggghaactgg g 511

<210> 465
 <211> 269
 <212> DNA
 <213> Murine

<400> 465
 gaattccccc aatgtactct ctatctatta tatgtgtgca tgatttaaaa atggaggggg 60
 agggaggcac aatacaaggg ctaagaaatg gctcagtgcc aaacacattc tgcagtcaag 120
 catgaagacc tgaatttgaa ttttcagaac ctatgtaaaa gctggaggaa tcgtgtgagt 180
 atatgtaac ccagcacccc tatggggtaa atgggaaatg ggacagggaag attctgggag 240
 ctgagagctc atctagctgr gcataccac 269

<210> 466
 <211> 226
 <212> DNA
 <213> Murine

<400> 466
 gaattccctg gagaagcctg gagctccaca tgcagagaaa tgatctgtcc ttgtgtctcg 60
 ttctgattaa aaacaaaaaac aatcaataaa aaacaaaaat kgaacacaaa cctagtgtta 120
 tggcatgaga atgtgaaaac actagagatg atcaggggga tcttcaaatt gaggcagaca 180
 gccagttctt gaagagaatt gcagtagctc ggaaagccag tcaccc 226

<210> 467
 <211> 220
 <212> DNA
 <213> Murine

<400> 467
 gaattccgca aattccttaa ggaagtggaa gcaatcattg tttacttttg tgctgtctcg 60
 tgtttttacca attgcagtta gtaaacaaact agtctaggca tttatgtgct acatgaatat 120
 aaccaaactg gagaaaatag aaactgcaat ttttgagaac tatttttttt taaattccat 180
 aggcaggtct ttataataaa aacaagtggg tcactttgac 220

<210> 468
 <211> 344
 <212> DNA
 <213> Murine

<400> 468
gaattcgaca tagggaacag gccatccaga caaggagtga ggggtggaat tttgtattt 60
agagtcacat gtaattttta aagctcaaaa aaataaacta gtaactccat gaaaaaaatg 120
agtgccttgg ggggtgggga ggggataaga aagaaaatca gtgaggggag aatgcccaat 180
tatcacttag catctcttaa ataatttcca ctggaggcag ggtatctttt ccaagagagat 240
gagcccccatt ggatggattt gttacagttt taagtgatta aaatcgggac ttacagtagc 300
atttgtgggk cttttactag tttttagagt ggtgtttkgc aaat 344

<210> 469
<211> 66
<212> DNA
<213> Murine

<400> 469
gaattccaaa ttccttttga gccaggtatg agtccatttt yctacaagca tccaawwgtc 60
ttcttc 66

<210> 470
<211> 50
<212> DNA
<213> Murine

<400> 470
ggrattctgt aggcggaacg ctaaactaag gtacaaacg cttaggccta 50

<210> 471
<211> 101
<212> DNA
<213> Murine

<400> 471
gaattccaga ggggaagccc gaaaacctgc tgtgtctcct ggagttggca tggcggtctg 60
cccagggggc tcctgcgaca gactgactgg ggaggggtgag t 101

<210> 472
<211> 213
<212> DNA
<213> Murine

<400> 472
gaattcctgg ggetctgagg atcccttttc ttctcttcc actttgacct ctgttaagga 60
tycactcgca tcccgaaah tgccacattc tgccactcaa aatttgcatc atttcgggag 120
gsaawttttt catctatgtc ttacgtgaga gagtcactca gatcagacgt gggagagga 180
accagaacc aacgagckty atgttggect cat 213

<210> 473
<211> 188
<212> DNA
<213> Murine

<400> 473
gaattcgaaa gagggaaaga tgaagcctga gctgaacct aaataaatatg tcagaaaaatg 60
acaacttgc tcctctaga ctatttcatt tgaaagattt gctaggttac attagggctt 120
gggatagatt tttctgggaa tggggsccta acccmcmgac ttaaaaaatg sccccggttc 180
mcagttct 188

<210> 474
 <211> 184
 <212> DNA
 <213> Murine

 <400> 474
 gaattctttt tttttttttt aaaaaaatag tatgtatagt gtgtgtacat gtgtataagc 60
 tcaagtaaga aagccagagg agactggsct tgtctgttct gctctccacc attaagccct 120
 tgagacaggg tctctacta tacctgatgc gatagccagc aaactccagt aacctacac 180
 ccag 184

<210> 475
 <211> 319
 <212> DNA
 <213> Murine

<400> 475
 gaattcgagt agattcccg tgctcaccat gagggaaaca atgttactat acctttccta 60
 tgaggaaagc cgggtaaacg tagaggctct ctgtcatgct tttaaacata gtttgagtag 120
 acagcaatgc tctttaccta gcttagtggt ctgatggcaa aatattgtat attgtgataa 180
 ttatgtcccta tttatttgag attcttggtt aaaattttaa aaacaaaaaa acaaatdaaa 240
 atttttttgc tatgccttag atgtagggct tttttttcca accaaaggct tacaagaagt 300
 tctatagaaa ctgtgattg 319

<210> 476
 <211> 401
 <212> DNA
 <213> Murine

<400> 476
 gaattccagc aggggcttcg gaaaggaatg tttctggaa gtcctccac atagagatca 60
 ttgggatggg cctcaaatat ttggtacggt acagccttgg ctcccggtgt tcccaaggcc 120
 tcggcaaat tcttgcaaaa gagctgttca accatcttcc tcagtttggt gatvcgagcg 180
 taccactctt ctttcactoc tgaggctggt ttatcaagct gtaaatcttc tcgtgttgag 240
 ttcagaagct catgtttctt aatcacgaag cggatccttt ccttcdecag caatatcctc 300
 tcaaggcgag gaattccgta cgtcgacgcc ttctaaaagg aatcccttya ggaagyyctt 360
 ctacgtaaag atcttcaaca tgggactgga aaagagggta c 401

<210> 477
 <211> 385
 <212> DNA
 <213> Murine

<400> 477
 gaattcctgg gattaaaggc gtrcaccacc acgcccggct caggccagaa cctttacaca 60
 tgcttaacta aaactagtga aaatgcac ttataaaacaa gaaattccca aatataaact 120
 cagaaattac tccaccocat aaatgcagca aaaaatcatc tgatctattt taccagttac 180
 taagcaaggt atagtgcag agacctgtaa ttacggggggc cagaggatgt cacaatttca 240
 aagccagctc ggtctacata gcaagtctgc cccaactcaa tgcattacaa aatgaccccc 300
 ctccccgacc tctcaaaaaca aaacaaaaca cacaamacac aaagcccama caactcatta 360
 gtataaacaat ttgataattt atatt 385

<210> 478
 <211> 391
 <212> DNA

<213> Murine

<400> 478

gaattccact	ctaatttttt	caaagtaaac	gcttcggggc	ccgcggggaca	ctcagctaag	60
agcatcgagg	gggcccag	aggcaagggg	cggggacggc	ggtgactcgc	ctcgcggggg	120
accgcccggc	cgctcccaag	atccaactac	gagcttttta	actgcagcaa	ctttaataata	180
cgctatttga	gctgggaatta	ccgcggctgc	tggcacccaga	cttgccctcc	aatggatcct	240
cgtaaaggga	tttaaagtgg	actcattcca	attacagggc	ctcgaaagag	tctgtatwgt	300
taahhhaagt	cactacctcc	ccgggtcggg	agtgggaat	ttgagmgcct	gcgccttctc	360
tggatgtggw	aghogtttct	caggctccct	c			391

<210> 479

<211> 443

<212> DNA

<213> Murine

<400> 479

gaattccaca	tctcaagaaa	ctcaaagaat	catactgtca	aagacaggga	gttccaatga	60
attcactcag	gtttctcttt	gaaggtcaga	gaattgctga	taatcatact	ccgaaagaac	120
tgggaaatgga	ggaagaagat	gtgattgaa	tttatcagga	acaaacgggg	ggtoactcga	180
cggttttagat	aattcttttt	attttttatt	tttctctccc	ctcaatcctt	ttttattttt	240
aaaaaatagtt	cttttgtaat	gtggtgttca	aaatgaaaat	tgaatactgg	cactccatct	300
cttagaacat	atgaattcta	gtgttcaata	ttcattattg	gttggttttg	ttgtgctgat	360
ttttvgtgat	cagacctcag	ccctttaata	ctgccctttt	gccctttaag	agatttcatg	420
tgtgcacaga	gaggccaccc	ttt				443

<210> 480

<211> 382

<212> DNA

<213> Murine

<400> 480

gaattcgatt	cacagttgcc	ccagagcaga	gtgtgccctt	ccacaaagcc	ctagaggact	60
ggcagtatga	catgatgcc	ggatgaagct	gtgatgtgga	cgagaagata	gaccggctgg	120
agtggaggag	ggaacctcag	cttggtcagg	ccttgcaagt	gagggcagac	ggacagggtg	180
acctggctac	tagactaggg	tggcatttct	tctgaatgat	cctgtgtcct	tccagagaaa	240
agggtggaga	aataaaggac	agggtggaaa	ggcaaggagg	gtgacagagc	cagctccgtt	300
atctcccag	gcctccacag	agggggtatc	tgtcagttcc	atgcacccca	gatctggggc	360
caadccctgag	gttccccacc	ct				382

<210> 481

<211> 521

<212> DNA

<213> Murine

<400> 481

gaattcaaa	cagctatggg	cagcagctcc	ctaactagta	ccccctcag	actggatcct	60
acagccaggc	tccaagtcaa	tatagccaac	agagcagcag	ctacggggcag	cagagttccat	120
tccgacagga	ccacccocagt	agcatgggtg	tttatgggca	ggagtctgga	ggattttccg	180
gaccagagga	gaaccggagc	ttgagtggcc	ctgataaccg	gggcagggga	agagggggat	240
ttgatctggg	aggcatggag	agaggtgggc	ggggaggagg	accgtggact	sgggttaagag	300
caaaaccttt	ctccttttat	ctaattttgt	ttcatccata	ggattttcaa	tggaaagaag	360
ggactgaag	acataagaaa	tttatcccac	ttttcatgga	caatctatcc	sdcaagctat	420
ctcctaaaac	atggaaatgt	catttaagt	cagtttgctt	ttttccctgc	cagtaaccat	480
tgttgggctg	ggtgaacaaa	gaatgctttg	aaactagagc	t		521

<210> 482
 <211> 347
 <212> DNA
 <213> Murine

<400> 482
 gaattcggtt atattcttat cctcccagga ttggaatta ttccacatgt agttacttac 60
 tactccggaa aaaaagaacc ttctcggtat atagggaatag tatgagcaat aatgtctatt 120
 ggctttctga gctttattgt atgagccca cacaatttca cagtaggatt agatgtagac 180
 acacgatctt accttacatc agccactata attatcgaa ttctaccgg tgcataagta 240
 tttagctgac ttgcaaccct acacggagggt aatattaaat gatctccagc tatactatga 300
 gccttaggct ttatttttct atttacagtt ggtggctcta tggagggt 347

<210> 483
 <211> 343
 <212> DNA
 <213> Murine

<400> 483
 gaattcctcg ggaatagtagg gtactgcact aagtatttta attcagcagc aattaggtca 60
 accagggtgc ttttaggaga tgaccaaat tacaatgtta tcgtaactgc ccagctcttt 120
 gttataattt tottcatagt aataccaata ataattggag gctttggaaa ctgacttctc 180
 ccactaataa tcggagcccc agatatagca ttcccacgaa taaataaat aagtttttga 240
 ctctaccac catcatttct cttctccta gcacatcga tagtagaagc aggagcagga 300
 acgtgaaca gtctaccac ctcthgccgg aaatctagcc cat 343

<210> 484
 <211> 386
 <212> DNA
 <213> Murine

<400> 484
 gaattcggtt tgggatagca ttgaaatgt aatgaagaa aatacctaata taaaaaaaaa 60
 ctttaaaaaa taaaaaaaaa aaggaaatgt tgctggctgg gtgggtgagt gatgtgggt 120
 ggttggtggt ggtccacacc tctaataccca gcttccggtg gaggtgggca gatctctgag 180
 ttccaggcca gactggtcta tagagccagc tgcagaacaa ccaggactac acagagaaac 240
 actgtctcaa aaaacaacaa caaaatgtat gtctagcctc tthgccaaact ctgtactctt 300
 aactgtttga taaactgagt catagaagaa gcygtgaaat ctataatgcb acactatgaa 360
 aggaccaggr aagcgccagt ctgcct 386

<210> 485
 <211> 518
 <212> DNA
 <213> Murine

<400> 485
 gaattcctta tgaatatatt tgcatactta aatgaagctg gactacagtg ttctacgata 60
 tcatcgaaga tgcacaatcc ccattgtctg tctggccatg gtctttgcgg acaaatcagg 120
 ttgacaatta atgggagcag ctgttcaaac caccgcaaca ccttttcttt gtactacttg 180
 aatattgagt gtaaaatatt cgacacttta gtcagtatat aaacatcatt atcatcctca 240
 tcttttagtg actcttcaac ctgctgtcca tagtcttcac ctgtctcttt aacttgccgc 300
 aactctgat ttttgaatg tkcttcaagc ttgccttcca ggatgcctcc cagctcctca 360
 aagtgtcat tgttgaggca ccgctctccc atgacctcaa tgcactttgc aaagggaatgc 420
 atgatctccg agaggacatc tgagtcgggc tctgtgccga tggccttgat gagagmcgc 480
 acatgaagtg ccacatctgt gtaagggtacc sggaaccc 518

<210> 486
 <211> 528
 <212> DNA
 <213> Murine

<400> 486
 gaattccccc gctcgagcag cgcctttttt ttttttwwc ttttagtgga cctgagagtt 60
 aaatcaaggc ccttgtgcat gctcacagta caccctactg ctgagctata tctccagacc 120
 cagaatctat ttagtgttata aataacttcc taatgcctgt ctaatgatgc atatctttaa 180
 taagtaataa tgttaataaa aacagtatcc atttttagtt taagtaaatg gctatcttga 240
 atttttagtt taaggtaaat caaataaaat taagactata aatgaatcct acttctatata 300
 tttatcatc tgtatattga cttatgcttt tatattttaa cattggcatt caagtcattat 360
 gaatcatgta aaattggctg cttttaacta ttgtagtttg ttatttgagt ggtattctat 420
 gttgcttga ttttaaactgt gccatgtgtt ttatagttta tatgggttta tcttgattat 480
 cttttttaga atgtgggagc taagaacctta aagaattttg aaaatcga 528

<210> 487
 <211> 396
 <212> DNA
 <213> Murine

<400> 487
 gaattactga tttgtgttgc ttttaacaaca gcagactcat acatctcctt tttagtrggc 60
 tgaacctctg atctgaataa taagggatcg attgcatctt tcttcttccc atgggtaaaa 120
 gactgctttg tgtttccgag tgcgtcaactg cctgatgac aatgctctct ccatcagcac 180
 tgcctcagtg thcgttagca aaaccattct gatgtaatgg agggaggagc tccaagattc 240
 tacaactcwg ccttgtgcga ttgtttccga atgacttcca cagctctctc acaaaaat 300
 cggctcctga cataggcaaa gatcatcatc cagatttcat gcaadcgtag acacgagtaa 360
 ggttggtcag gtataaaacg gaataattag tggttc 396

<210> 488
 <211> 388
 <212> DNA
 <213> Murine

<400> 488
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 ctgaaagagc agtcagtgcc accatctctc cagccatggt ttacctgttt ataaagtggg 120
 gctgtgtatt tagaagggtg aacacagtag agagagtatg tttctgctc ctgggcattt 180
 gtgaactaga tgcacagcgg ctggctccct tccatccctc ccttctctgt tcagtcattt 240
 ctagtgtaga tggcattttt aagtccatgt ttttatgttt tctggttaat ggttatcctt 300
 cagatggtaa tctttaccct tgtattttgg cagagcaaaa aggcctttggc tctagactgg 360
 ccagcagttt acctggataa rggtaactt 388

<210> 489
 <211> 420
 <212> DNA
 <213> Murine

<400> 489
 gaattcttgg ggttagtgag gtcaacttcc tcggagtcgt agtctgagag gatccacggg 60
 aagacagggt actgcatgag gtcattgtaa gatctgcctg ccagcgtgtt caagtgcatt 120
 aaatactgga agttgtctgat ttcaactctc tccatctctg gactcacaga cttctctcca 180
 accagatgac tgagtgaacc agacctgtgt tccacactgg ctgttggctt ctgtccggac 240
 acagactccg agctgtccgt gagagagggc acaactgcc a ggaacctttg gtgactttta 300

ttccgaatdc ccttttgaaa agccaggagg tagttccgtc catctccaga gaaaacttca	360
acagcgatag gctggaggag atatctcctt ttatgcacct ccttgatgtc ttcatatgca	420

<210> 490
 <211> 367
 <212> DNA
 <213> Murine

<400> 490	
gaattctttt tttttaaaaa tgacaatata aaagtacctt tacacaattt ataaaagcat	60
aattgatgat aaagcaagta ggagttctcac agtcaagtg gctgggggct ggggccatga	120
gcagtcctcg aacaccagct tggatgtcta agttcccgct gctgcctgcc ccggtmctct	180
agtttacagt gaaaaggccc atattccagg ccttggtgtt tcttttttta aacctttaaa	240
aaattgacat tactttcctat gaaaaaataa tgaaataacc ctcccaaacm actgacaaaa	300
atmattaaaa wwtgaccctt ttthamcaca acacaagcrg atcaaaamca aaggttccaa	360
aggattg	375

<210> 491
 <211> 271
 <212> DNA
 <213> Murine

<400> 491	
gaattccccg gctcgagcgg cccctttttt tttttttttt taaatttttg gtttttccag	60
acaggggttc tctttatagc cctggctgtc ctggaaactca ctctgtagac caggtgccc	120
ttgaactcag aaatccactt gccctctgct cctgagtgtc gggattaaag gagtgcacca	180
ccacgccag cttatgggac ccccttttca ttgtagtcgt ggggtacaagt acagaagccc	240
ttgagggct ctgaacctgt actgccccca g	271

<210> 492
 <211> 378
 <212> DNA
 <213> Murine

<400> 492	
gaattcgac agagcatctg tacatccctc agaaactcaga gtgaacatgc tcagaatctg	60
gctctgacgg gtgatttgaa gaactctgtt ttgaagcact tgactcatca actggttcaa	120
atggctgcga gtttgcatac gtcaactctt gggctagtgt ctctagggaa gggcgcccta	180
atagcaggtt tcggagtcaa attcgagtca tcaggaagct gcgtcgaaag acgtagagct	240
ttcgacagac gaagcggaga aatcgctcat ggaaagggct atttcgctgt cggtcaattt	300
cttgagctt cctctgtcgt ctgagaaaaa tttggaccag aagtgttggc tcaggggccc	360
ttttcttccc ttccaaa	378

<210> 493
 <211> 459
 <212> DNA
 <213> Murine

<400> 493	
gaattccctt tactcatatt tatctcctta ttttttaagag atttgtttc tttttaaaaa	60
ctgtgtgtgt ctgtgtgtgt ggagtgtgtc agaaaaggcc agaagagggt gtcaggtccc	120
ctgggctcgg agttactggc tgaggtgagc tgcctcaaac agggctggga actgaactca	180
ggttgtctgc agaaacagaa agtgctctta actactgagc cactcttttr gccctctgcc	240
aatgtttagt ctaaccacta tttctaagct tctggtcttc tgtgtacagc acaggaataa	300
aaaacaacat taaggctggr aaattggcac dcacttttaa tccagcactt gagaggcaga	360

ggcaggggga tcgaggccag cctggtctac agagtagtcc aggacagcca tgtagaaaaa 420
ctaataatga taacaacaac aacaaccacc accaaaccc 459

<210> 494
<211> 135
<212> DNA
<213> Murine

<400> 494
gaatwctgt mgtggtctcc gaacdgcgcc gaagcdccgc agtcaccgac gggaccagaa 60
gtggcatgac aaacagtaca agaaarvvca cttgggcaca gcctgaaggc caatcgtttg 120
ggggttctca tgcaa 135

<210> 495
<211> 326
<212> DNA
<213> Murine

<400> 495
gaattacttt gatgataatc cacacaatat tgatgtgaat aaattaaagg tgttaatttc 60
caaagtataa ttacaaaaat aaaagtaaca gactggaaga gtattattta atggctcacc 120
aaagatctat aagcaagagt tttggggaag aaataaact attttgtatt tcaactatatt 180
catttttaac taaagcttgt aatctctatt tttaaaatca cattatatca ctttcttttt 240
tttttttttt ggggttttwt ttttttttgc gagacaaggg tttctctgta tagccctggc 300
tgtcctggaa tcaatttgta gatcag 326

<210> 496
<211> 247
<212> DNA
<213> Murine

<400> 496
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aggcgatat ttggctatat tcagatgtgga tagcgatgct tcagagcaaa cacaaatcta 180
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<210> 497
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<212> DNA
<213> Murine

<400> 497
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gagctgaagt gaaaagcagt ctcttcagga gggatgttcc ctacccctt cacagacca 240
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<212> DNA
<213> Murine

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attcatctct gcaatgagta aagtctctcc tgcacctgca gaggatgggc aagcaccggg 240
gagtcctagg gtcatccagc ccacctgccc cgcaggbctg agctagactg agtgagaaaag 300
ggagcacaag 310

<210> 499
<211> 366
<212> DNA
<213> Murine

<400> 499
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tcagcccagg gagagcaggg gaaggcaagg ttgttctctc ctgcaccaga cacttagatt 300
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<212> DNA
<213> Murine

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<211> 432
<212> DNA
<213> Murine

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<210> 503

<211> 416

<212> DNA

<213> Murine

<400> 503
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gtggatttct agtttgagg ttggcctgat ctacaagggt agttccaggc gagccagggc 180
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ctggtagagg gaaacmdctg actcctgcaa gttgtccttt gatctctata tgtgggtgtg 360
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<210> 504

<211> 434

<212> DNA

<213> Murine

<400> 504
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aacttatgag tcac 434

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<211> 423

<212> DNA

<213> Murine

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gcc 423

<210> 506

<211> 240
 <212> DNA
 <213> Murine

<400> 506
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 gatagaccac atcttagggg ygcddggcact cactgggaaa ggagatgtgg ctctcggaga 180
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<210> 507
 <211> 136
 <212> DNA
 <213> Murine

<400> 507
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<210> 508
 <211> 267
 <212> DNA
 <213> Murine

<400> 508
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 acagtaccaa agacagaaat tcgggaaaaa ctggccaaaa tgtacaaaa cacaccagat 180
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 atgatctatg atyctttaga ttatgca 267

<210> 509
 <211> 386
 <212> DNA
 <213> Murine

<400> 509
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 aaataaaaact ctctacttat ccctgaggcc attaggtttg ccagccagtg gctataacct 180
 acaagccaca gcatggtccc ttatataaca tgaagtggg acaaaataat gagactacta 240
 aagggaggaa caagataggg caatggtggc aggaacacaaa attgttccat tctctctcac 300
 aagggcaatc taggtttaaa acagtgagtg atttgtgtga aacccaaaact bgagagaaga 360
 agggggtcag tgagagagga aagaga 386

<210> 510
 <211> 447
 <212> DNA
 <213> Murine

<400> 510
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 aatgagaaac tgcctggggt ttaacagacc agataagtgt gctttaacaa gcttgagaa 180

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gggaacmaca	ctcagagagag	aaatwaccac	cacagagcag	gaggggagaa	gagaagtagt	360
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<210> 511
 <211> 319
 <212> DNA
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<400> 511						
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ctgcaccatc	toggagtttc	cgagacttca	aagtcagtt	tatcccttt	caactagacc	240
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<210> 513
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<400> 513						
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tttcagccct	attcttaagca	ctatataaca	wgtgaaaagg	racaaaaggg	ckttctaacac	240
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c						301

<210> 514
 <211> 391
 <212> DNA
 <213> Murine

<400> 514						
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tettactgga tattgtgact gagggetgtc ggtgtgtgta cagargcccg gtgatgtctc 360
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<210> 515
<211> 246
<212> DNA
<213> Murine

<400> 515
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agcccc 246

<210> 516
<211> 439
<212> DNA
<213> Murine

<400> 516
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taaatctcac amccattatg gtggccaggga agaaactgta aacaatgaca ctttgacatc 420
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<211> 415
<212> DNA
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<400> 517
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gccttgaaaa caaagaagta ttatgagttg ttggaacaca tgggkattaa aaaac 415

<210> 518
<211> 61
<212> DNA
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<400> 518
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g 61

<210> 519
<211> 393

<212> DNA
<213> Murine

<400> 519
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gggcactgaa gcygtggggt cattttgcag tga 393

<210> 520
<211> 434
<212> DNA
<213> Murine

<400> 520
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ataaaactgg tgtg 434

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<211> 300
<212> DNA
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<400> 521
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<211> 495
<212> DNA
<213> Murine

<400> 522
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 <212> DNA
 <213> Murine

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 tacc 244

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 <212> DNA
 <213> Murine

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 <212> DNA
 <213> Murine

<400> 526
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 atagggagga tgaattacca ggattcatg 149

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 <211> 59
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<400> 527
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<210> 528

<211> 194
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<400> 528
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 tttcaaaatc aaat 194

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 <212> DNA
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<210> 531
 <211> 103
 <212> DNA
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<400> 531
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 <213> Murine

<400> 532
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<400> 533
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<210> 534
 <211> 305
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<400> 534
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 tggactgcag ctgggggact ttctcattaa ggtgaggcta gtcttgtaca taataaagga 180
 gaagtttgaa tttkgcctgt gaaattgtct tagtattgat ttaatgagtc aagaaattta 240
 gagatggcca ttgttttgag ggaadggcat tgattgccaa ggacataggt taattatatt 300
 grgtt 305

<210> 535
 <211> 290
 <212> DNA
 <213> Murine

<400> 535
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 atttcaagtg catgaacagt cagcacactg ataacagcaa gccctctaag gatttggtta 120
 cctcactgcc tgatcagcta caaaaactgg acagagattt gattatgga cagagcagca 180
 tatttgggtg acataaaaat gtcaccaagt gdaagcaatt agagcatccc aacctaaatc 240
 catttgcag tcctaagaat ctacatgaga agactattga aaaatatattc 290

<210> 536
 <211> 168
 <212> DNA
 <213> Murine

<400> 536
 gaattcctcc aatctmacc tatacttmaa aatcatgaat ctgactagcc atgccattga 60
 aaaccactca gtactagagg atgaaccagt tttcaatggt atcagccctg gaaaaccgcc 120
 cagctcccdc ccccgacaca ttctattttg ttttaacatt ttataaat 168

<210> 537
 <211> 275
 <212> DNA
 <213> Murine

<400> 537
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 ttccaacccc tacttaaaat tcaactagaa agttacctac caagtactaa ttgacattat 120

aamgtcagag	cctgcagctc	caggcctttc	agttagtgt	ttactagaa	ggacagtctt	180
aagccagata	cagtttctca	taagaaagtt	aaagaatcca	gtgaagcaag	ttttttcttt	240
agccctagat	tcccggcaga	ctattgagca	tagat			275

<210> 538
 <211> 113
 <212> DNA
 <213> Murine

<400> 538	
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cctcacttcc	cttggctgct
tttccattca	gagaagctgg
agtccattgg	cct
	60
	113

<210> 539
 <211> 220
 <212> DNA
 <213> Murine

<400> 539	
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aaaagtggtga	attcggggtc
actggatata	gaaaaataaa
tccacatatt	ttttttaata
atttaaccag	cttgtctataa
	60
	120
	180
	220

<210> 540
 <211> 156
 <212> DNA
 <213> Murine

<400> 540	
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tcccagcaac	cacatggtgc
tcacaacccat	ctgtaa
	60
	120
	156

<210> 541
 <211> 187
 <212> DNA
 <213> Murine

<400> 541	
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cttctaatac	caggtctagt
cctacwcacc	aatatgcyya
ctaccaa	caatatatca
	atgatgacga
	gacgtaatto
	gtgaaggaa
	60
	120
	180
	187

<210> 542
 <211> 92
 <212> DNA
 <213> Murine

<400> 542	
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aaccacgcta	tagataaagg
atagaagaat	tt
	60
	92

<210> 543

<211> 104
<212> DNA
<213> Murine

<400> 543
gaattcctgg cttttttttt tcttcaattt cttcgtcctc atcgtcctcc tcggaatcac 60
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<210> 544
<211> 366
<212> DNA
<213> Murine

<400> 544
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gacttcagac ctttagcctaa gcttctgttg aaaaacatgt ccccgcttgg aaaaatgcta 180
tgtctgggga tctttaccca aaggacctaa gttacattta tttagtcttt tcttgagaca 240
gcttaggttg gtctttaact tgcagcagtc ctcatacttt ggctctttca tctctggggt 300
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gagaac 366

<210> 545
<211> 447
<212> DNA
<213> Murine

<400> 545
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tttgtgagga ccacgtttgt gtcgaggcac aagaaatttg atgagttttt ccgagagctg 180
ctggaaaaacs cagaaaaagtc cctaaatgac atgtttgttc ggacctacgg gatgctgtac 240
atgcagaatt cagaggtatt ccaggacctc ttcactgagc taaavcggtta ctacacaggg 300
ggtaacgtca acctggaaga gatgctcaat gacttctggr ctcggtcctt ggagaggatg 360
ttccagctga ttaaccccca gtatcacttc agcvaggact acctggagtg tgtaavcaag 420
tacacagacc agcgaagcat ttggaga 447

<210> 546
<211> 372
<212> DNA
<213> Murine

<400> 546
gaattcatca gagggtgatg taaccctctg ttttagctaaa tttttccgtt tagattcaac 60
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ttcttctctt ttttttaagct gcttttttagg ttgtttcttc tctgggtccct tttttttact 180
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tctgctctct gggtttggaa tcttgacttc agtagctgca ggtcgtcttc tcttaggact 300
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tttttcagcc tt 372

<210> 547
<211> 372
<212> DNA
<213> Murine

<400> 547
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cactagtctg aaggttgaga ggattatttc gattggcaat taagacacaa ggggcacctg 120
gtgggcacag cgcccaacta ctctccata tgcagttgtc tgcataattg tgcaaatgag 180
aaaaaaaaa tttattcaca agaagaaatg tgtagcgtgt agagatggct taatttgagt 240
tctctgggca ggcgggctcs ctgggggctt tcttcatctt cctactgac ccccatcaca 300
aagggatgaa gatgccaga tgccagggaa gggtgcttg gtccttgga gggccactga 360
gcccgctcac gg 372

<210> 548

<211> 313

<212> DNA

<213> Murine

<400> 548
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gaaatgttag agaccacagt agggacaggt gaaagtctgt tgcctcacag ggtctgacac 180
tgatggagca gattgtgtca acaatgtgtc acaggaatgg aaagaatgtg cctgagccc 240
acctcccac cccaccccaa aaaaccccat aaaacccaaa atcaataaa tgaataaaca 300
cacacacaca cac 313

<210> 549

<211> 283

<212> DNA

<213> Murine

<400> 549
gaattccttg ccttgagata gggctcctca ttgaatttag aagtacgtat tggataggct 60
aaccacgag ttcttttgat ctctacctgg kcccaacgtt aaggtgttag ccagctcagc 120
catgctcggc tttttcatgg gcacaggag attcaagccc tcatgcttac acagcaagca 180
cctgtagaat tttaatccag caacatggct gctccagcga gggatcacat ccaaaggcct 240
tctagtgteta tgtgatccgb ctggagaatt ccaccacact ggc 283

<210> 550

<211> 342

<212> DNA

<213> Murine

<400> 550
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aaaacccaaa cacaacaaaa atcacatggt cactagtagag gggtactggt aggttttaac 120
actgtctctc atgcgctttc tgcagcgtaa sagcaacaaa atccacaaa ttagacaccc 180
atatcttggg ggcctggagt atgctcagca gttaagagca ctgacagctt ttwtgectga 240
gttcaaatcc cagcaatcac atggtgtgtc atgaccatcc gtaatgagat ctgacccct 300
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<210> 551

<211> 373

<212> DNA

<213> Murine

<400> 551
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ccggcgagg tccaccaagc tgatcttact gaccttttct gaattccaggc cagtaagctg 120

gtcatgggat	cgctgggtaa	agacaatagt	aaagacggca	tgggagcggc	tgctgggtctc	180
gttcatgttg	gtggcagcca	cggttcttgc	cttatttcca	cagtcacatga	ggctgggcaat	240
gtctgcatag	gaagctcacag	ccagtttaga	caggtcttgc	acgtacgggc	ctaggatggg	300
gtgctcccg	accgcagag	agcccgact	cttgggggtt	caagagggtct	cgtacacctc	360
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<210> 552

<211> 474

<212> DNA

<213> Murine

<400> 552

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ctataaagca	tttaaccccc	ctgtacacaa	ctcaactcct	ttaaagaaaa	aaattgaaat	120
gtaaggctgt	gtaagatttg	tttttaaact	gtacagtgtc	tttttttgta	tagttaacac	180
actaccgaat	gtgtctttag	atagccctgt	ctgtgtggta	ttttcaatag	ccactaacct	240
tgctctgtac	agctctgggg	ttgtaaattg	gcatggaaaat	ttaaagcagg	ttctgtgttg	300
tgacacagac	aaatttagtta	tatatgggga	cagtagtttg	gttttttgtt	ttgttttttt	360
ttttttttct	tttggttttc	ttttttgggt	tttatttttt	ttcatcttca	gttgctctgt	420
atgcagctta	tacgaagata	attgtgtgtc	tgtaactga	ataccactct	gtaa	474

<210> 553

<211> 500

<212> DNA

<213> Murine

<400> 553

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tcacacagct	cctgtgtccc	tgcaactacc	agtgctctac	tggtgtgtgt	ggaacaggag	120
ttgcataaag	tcaccgtcca	caagcacagag	gagatatctc	tagctttcat	ttctgttttg	180
catttgactc	ttaacactca	cccagactct	gtgcttattt	cattttgggg	gatgtgggct	240
ttttccctgt	gtggtttgga	gttaggcaga	gggaagttac	agacacaggt	acaaaatttg	300
ggtaaagatg	ctgtgagacc	tgaggaccca	ccagtcagaa	cccacatggc	aagtcttagt	360
agcctaggtc	aaggaaaagac	agaataatcc	agagctgtgg	cacacatgac	agactccag	420
cagcccgagg	ccctgtctgc	ttctcgactc	ttagggcggt	tctttccatg	tttggtctgt	480
ggktttagtt	ttggtgagcc					500

<210> 554

<211> 233

<212> DNA

<213> Murine

<400> 554

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atagaatgcc	atatttgttt	ataaaaaagg	aggtggactg	tgtgactgac	tgtgatcacg	120
taggttgcca	agggcgaggg	agccatcatt	acgtgtgagc	agcgacctca	ctgacactac	180
actgctgaac	ccaaacagta	gagcagcaga	tgcoctacag	gagacctgca	cag	233

<210> 555

<211> 195

<212> DNA

<213> Murine

<400> 555

tgccaagtag	cctacactgg	ctttgctgtg	gccctcctac	atttgtctcc	tctgtgctca	60
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aagtatatga gtcgtttatg gatattgtcg gctgtaaaac aacataaata atcactttta	120
gtgatatttt tgcatacat gttgaacaca aaagctttac atgctttgat cagtctggat	180
taattgcgat acatc	195

<210> 556
 <211> 201
 <212> DNA
 <213> Murine

<400> 556	
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ccccaccatc tgcacaaagt ggtcctggaa tcaagctcct tctccttggt caatgcgatc	120
tttcttgagt ggtccataaa tgtttcttct ctcatggctg gagcgacatg caattgagtg	180
gtcatgacta gatttcaggc c	201

<210> 557
 <211> 188
 <212> DNA
 <213> Murine

<400> 557	
cgggctcgag cgcccttttt tttttttttt tttttttttt tctgtactta caacctttta	60
ttagtgaag tgaccatggg ttcaataaag tgtgattgct cgtctcgtcg cgtctcgga	120
gcagtgtttc tttttttttt aattcaagat gactaaaaaa gtcactttca agtgactgtg	180
tgtctgag	188

<210> 558
 <211> 227
 <212> DNA
 <213> Murine

<400> 558	
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atatgtgtgc actgtttcaa agtttgcttt gtagatggag agcccgatcc accgtatttg	120
aaaaaaggta gaaagcagaa atgatagatt ctgatactta ggaagttaga tacagatttc	180
agtgatatgt catatgcatg gatgagagta aatactatta atatcag	227

<210> 559
 <211> 90
 <212> DNA
 <213> Murine

<400> 559	
gttaacagca actttattat tccatgatga aaaaagtgtg agttgttgat gcattcacat	60
aaattacaat agtggaggat cataaattac	90

<210> 560
 <211> 199
 <212> DNA
 <213> Murine

<400> 560	
caggaaggct gtccacagg aatataagtg aggcacaaat gttattttta tatttccagt	60
atgatgtgta gggctgggga ggagggaagg gggaaatggc tcaagaagata aaaaaccggt	120
caacaagcct gacaacatga gttcaatccc aggtaggaag aactgactct atagctgtct	180

ctgacatcat gtttgcac

199

<210> 561

<211> 188

<212> DNA

<213> Murine

<400> 561

ctggtactgt ggcctccgt gaaatcagac gctatcagaa gtcactgaa cttctgatcc	60
gcaagctccc ctttcagcgt ctggtgcgag aaattgctca ggacttcaaa acagatctgc	120
gcttcagagt gcagctattg gtgctttcga ghaggcagtt gaggtctatt gggtttgaaga	180
tacaatct	188

<210> 562

<211> 174

<212> DNA

<213> Murine

<400> 562

gaaacaggag gggtcagctt gtcagaaaaa gttgacagt aacttaaaac tttagaacaa	60
ttatcttcac ttctctctga tgaggaagat cctggctcgt gtggccatga tatctataag	120
aacacctctg ctcccttact gtgttgatg ctacttcgat aaacaagaaa cttg	174

<210> 563

<211> 166

<212> DNA

<213> Murine

<400> 563

ccgtctaaagt gccacgcaca tgactacagc tttgtcacat cctggctcta tccaagctgt	60
ctaacctcat ctgcccacag ttcttgggct gcagaccaga ctgtttctgc aggcctgttc	120
ctgcctctct ggccttcaac ttgtaccctt ctcccacata ttctct	166

<210> 564

<211> 121

<212> DNA

<213> Murine

<400> 564

gcaactaaaa aagtttgtgt aaatacaata gaataccata tttcgatata tataaaaaag	60
gaggcgagct gcgtgactgc tgtgcatcag tcagggtggc aagggcgag cagcatcagt	120
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<210> 565

<211> 270

<212> DNA

<213> Murine

<400> 565

aaagaaaaa ttgtttctta atttgaacg ttaaagcttc ctggaactcc tacttcta	60
gaaaattgca aattagatag agagaaagag agagagaatg aatacatcta tcaatagaac	120
cttgtagact tatcatgtat aaggctatca atcatatctg aggcagact cttagaatta	180
ctctgagctc attctctct cggcatgaca ctgatgcaca tatacatagc tgtctacttc	240
ttctagctac tgacttatat atatatgtg	270

<210> 566
 <211> 156
 <212> DNA
 <213> Murine

<400> 566
 ggtagcagc gctgacctgaa gctgcgggca ttcccgatca gaaatgagcg ccagtcgctg 60
 tcggctctcg gcaccgaatg cgtatgattc tccgccagca tcgttcggca gtgcgtcgac 120
 agacgcctgt tgttctgaag tgcagtaaag gcgcgg 156

<210> 567
 <211> 231
 <212> DNA
 <213> Murine

<400> 567
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 gaatgaggat caccaagctg cggaaatccg acttcaatgg actgaacaat gtgcttgtca 120
 tagaactggg cggcaaccca ctgaaaaaac tctgggattg aaaacggagc cttcaggact 180
 gaagagtctc tcatactgc atctcagaca ccaacataac tgcgatccta g 231

<210> 568
 <211> 206
 <212> DNA
 <213> Murine

<400> 568
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 gccgatggct cgtaggcgtc tccagtgaag gcaatggctg attcagacc cggagaagg 120
 cctgctgctc cagctcaaaag gcttgccgca gaccccgaa gactccccc cttctgatac 180
 tccttcttga agcccaagta cctctt 206

<210> 569
 <211> 262
 <212> DNA
 <213> Murine

<400> 569
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 aggctgagca tatccgtgtg tacctataac aagtatctgc agttctcagg aactctctgg 120
 gtaatcaggc taactaaaac agtgaactgc cacttcagtg agagaccctg tctcaaggca 180
 acaagacaga tagtaataga gggagacacc aatgtctctg tgttcaaaac cacacatatg 240
 gaggcattgt gttaaatgta ct 262

<210> 570
 <211> 219
 <212> DNA
 <213> Murine

<400> 570
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 agaggcaacc tcaggacgga ctttctggct actgaccatt ttctgtgtc ttactaggat 120
 cgtgtgtgga cgtgagatca ccatgagctc cgttgacagt tttagccaa gagagttttt 180
 ctgaacatcg aagtgggctg gttccacaac aaatcaagt 219

<210> 571
 <211> 167
 <212> DNA
 <213> Murine

<400> 571
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 atctaatca atgttgact tgtaataata gtcataaaa tcttctgttc ccagaacctt 120
 ggctatcctc accaacctga tcataattgg ctcatgtcca tggaaaa 167

<210> 572
 <211> 230
 <212> DNA
 <213> Murine

<400> 572
 cagctctcca ccattgagct ggacagctgc tgtgaccagg gctgctgaga acgccacetc 60
 agctctgttg agggagcagg aaggctcacg tccagctccc ctcaggcaca gatctcctgg 120
 caatgaaag gccatctctc cagcaagccg tggagatgag gctgaagatc aggttcataa 180
 gcttcggctc aaacttctta aaaattaaag gcaaaaagaa gaaactagct 230

<210> 573
 <211> 237
 <212> DNA
 <213> Murine

<400> 573
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 cagcgatcct actgccagaa attcgccatg tctattctca ggatccacgc cagagagatc 120
 ttgactccc gtggaatcca ctgttgaggt cgatctgtac accgcaaaaag gtctcttgag 180
 ctgcggtgcc cagcgtgctc actgactcta cagcctagaa ctcgagacat gataaga 237

<210> 574
 <211> 231
 <212> DNA
 <213> Murine

<400> 574
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 gatccaaagc tacagaaccc agccatcact ggtccggctg ttccgtactc cagagagttt 120
 aagcagaagt acgactactt taggaagaaa ttaagaagc ctgctgatat tcaaacgggtt 180
 tgaaatgaaa cttacacgaa acaacatatt tgaagagtct atgcaggatc a 231

<210> 575
 <211> 143
 <212> DNA
 <213> Murine

<400> 575
 atgaatttgt ttggttggtt ttgtttttga gacagggttt ctctgtgcaa cagccctggc 60
 tatcctggaa ctactatgt aaataaacta agctaagctg gcttgaact cacagtgaca 120
 ggcccttaat ctgacactc aag 143

<210> 576
 <211> 113

<212> DNA
<213> Murine

<400> 576
ccatattgaa ttagatatct tatttcagga catccatgtc aaaataaaac aaaagagtca 60
atccttgcaa caataatgtg tattcattaa aacgcatttc acaatcatcc cat 113

<210> 577
<211> 168
<212> DNA
<213> Murine

<400> 577
gctttggtaa atgtggcact aaatetttagc attaattgga taacacacaa agacagtacg 60
aggcagaacg gaataaaatg attggaaaac gagctaacga aaggctagac tctgttacaa 120
agcgtaaagag cttcaggaaa tcaagataga tagaaaatat gatgatgc 168

<210> 578
<211> 245
<212> DNA
<213> Murine

<400> 578
atgaaatag tggaacatc agctttctcag ttttgaaat taaacagtaa gtcataaagc 60
tcagataggg cactagcttt gtatgtccat gaacagcagc atcaacataa agtttggctc 120
ttgagagcaa accaaggagc acgttgtaga cctgatgtag gaatactgtt atatctggag 180
tgagtggaaag gtccacggttg ggaatgtgcaa gactgtgacg acacttgcaa tgatcgttgg 240
atag 245

<210> 579
<211> 108
<212> DNA
<213> Murine

<400> 579
gggccgtggc agagcgcgga gaggcctgcg ggtggcagcg gcggcggggc ccgtcggggc 60
ggagccgagc cgagccgcgc cgcgcctctgc tccgagccgt aagccctt 108

<210> 580
<211> 213
<212> DNA
<213> Murine

<400> 580
gccccccaga cctcttgaga gtcacctagc catcaatgga actccaaccg gcagagcaaa 60
tctgagctcg actactcaga tggggacaat gacagcatca acagcacctc caactccaat 120
gacaccataa actcgcctga gtctcatcac gggacagcct cggaacagac actcagcaag 180
cagacatacc acaggagacc gcacagctgg act 213

<210> 581
<211> 153
<212> DNA
<213> Murine

<400> 581

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gacatcatga	gtcatgccac	acaagctatt	tttgaaattc	tggagaaatc	ctggctgcgc	120
caggactgta	ccggttgata	taagattgaa	ttt			153

<210> 582
 <211> 155
 <212> DNA
 <213> Murine

ctgttccct	gggaggccag	gagactcaga	tctctggagc	tagagttaca	ggtggctgtg	60
agctgcataaa	aagcgggaac	taagccacag	tcctttgtac	atatcttgta	cttttgcat	120
tatacaaaagt	aagaaattcc	tcactctctt	aacag			155

<210> 583
 <211> 229
 <212> DNA
 <213> Murine

cttcccaaat	atgagagggt	caaggaaactg	tgccagcaag	ccagatacca	gacagcctgt	60
gagcagcctg	ggcagaactg	gcagtgcac	gaggacacat	ccggcaagct	cgaatccac	120
aagtgtgaag	gaccagcga	cctgctcacg	gtccgtcaga	atgcacgcaa	cctctactct	180
cgcgattgc	atgacaaaga	caaagagtgc	attgtaggga	ctctgctat		229

<210> 584
 <211> 215
 <212> DNA
 <213> Murine

caggatttct	ttgtgtagtc	ctggctgtcc	tggaaactcac	tccttagacc	aggettgaac	60
tcagaaatcc	acctgcctct	gcctcccaag	tgtcggaaatt	aaaggcgtgc	gcacccctgc	120
ccattgcctg	aactcttttt	atgtcagttc	tttgtctccc	actagaaaaga	atgttgacagg	180
acctctccc	cattgccaca	aggtcagaag	actct			215

<210> 585
 <211> 230
 <212> DNA
 <213> Murine

gggatataca	aaaagttaa	aagcgaact	tgaagctgct	gaaattcctg	tgacaaaaa	60
tgatgtagaa	gattcagact	cagaagttag	tgaatttttt	gatagctttg	atcagtttga	120
tgaactagag	caacttttgg	agacttactt	gctcatggaa	gatcctatca	taggggaagtc	180
atcacagaag	atagggcaca	atatgaaaac	tgatgatctc	agaatcagtt		230

<210> 586
 <211> 212
 <212> DNA
 <213> Murine

acgccttagt	tcaggattga	acggagcata	cactctcttcg	aaacaaagct	tatttattct	60
tgagcagcca	cacattgttg	cactctgttg	caggaaactg	gaattcggga	aaagtgggtg	120

tatctctggt aatggagggt gagacatgcc tggtcacett ccaggaccat gacaggcctg	180
actaatgaga gggcaagggt ccttgagact gg	212

<210> 587
 <211> 212
 <212> DNA
 <213> Murine

<400> 587	
aagatttatt ttacttatga gtacactgta gctgtacagg tggttgtgag coatacaagta	60
gttgcctggga attgaactca ggacctttgc ttgctccagg cccactcatt ctggcccaaa	120
gattttatta ttgtttatgt gagtatattg tagcgtgtct tcagacacac cagaagagggt	180
attcagactc attacagatg gttgtgagca ca	212

<210> 588
 <211> 193
 <212> DNA
 <213> Murine

<400> 588	
ctgtattggt attttttctt cactacctcc cggggtcgga gtgggtaatt tgcgcgcctg	60
ctgccttctt tggatgtggt agccgtttct caggtccctc tcgggaatcg aaccctgatt	120
cccgcctacc cgtggcacc a tggtaggcac ggcgactacc atcgaaagtt gatagggcag	180
acctcgaatg ggt	193

<210> 589
 <211> 226
 <212> DNA
 <213> Murine

<400> 589	
acaaaactca aagtcttcca actgatgtgg atgtcctttg atgtaaaaa ttcgtacgtt	60
atttgcctatc attgctctct gcacactctg tcaccaaagc cacaggattg agtgacacat	120
ctctccaagt taaaaaatat ccattttcca ccaccaagtc tctgcaggtc tcccttttgc	180
catactagcc ttctatgcct ggaccaccat catcacacag ttcaag	226

<210> 590
 <211> 243
 <212> DNA
 <213> Murine

<400> 590	
ctctctgtta ctgtctctta tttcagatg tcaactataa atatttcaat attccaatga	60
attcctatct aaaaactaga atgcaaaaag cacacagaac aaattgccat tcttctctaa	120
aatccactct tttctgacta acttgcttct acttcaagta aaatttgttt tcaaaagcca	180
ctgatcatat atacttttaa ttactttata tttagagacac acagctaagt ctagatacat	240
gag	243

<210> 591
 <211> 261
 <212> DNA
 <213> Murine

<400> 591	
ttttacagag gtgctaggaa tccaaacttt ggtcettaca ctagtgcaaa aagcactttc	60

cttgtccagt	catctccctg	cctttgcaca	ctgcgatttt	ggcacacctg	accaatgcta	120
cctgtgaact	agatttctga	ctgctatttc	cctttgttca	ttttaggcca	gaaacagaaa	180
cagaaccagt	gcagacaggg	tctacctgtc	tggcagatata	cacttgctat	gctcacatct	240
atgcatactc	agagactagt	g				261

<210> 592
 <211> 274
 <212> DNA
 <213> Murine

<400> 592		
gttcgtgtcc	agtcgtgatg	aatgaatggt
ataaaaaact	ttatctgcaa	agccgagagc
gtggcgagag	ggccccctgt	ggaaaaaact
gcctctagtt	cagagtaaaa	gctaataaat
ttattatgat	gagctcaaaa	tatatcctga
	tgct	
		60
		120
		180
		240
		274

<210> 593
 <211> 252
 <212> DNA
 <213> Murine

<400> 593		
caaatactag	taaaactaca	cagtggtgac
ggagtggtga	tatatattgag	gtttttctct
ctctctgtgt	ctccctctct	gtctctgttt
aaagtctact	gtgcagttct	gactggctga
gagatacaat	ga	
		60
		120
		180
		240
		252

<210> 594
 <211> 246
 <212> DNA
 <213> Murine

<400> 594		
cctataggtc	tgagaccct	ttcttctcct
accctgtgct	ctgtccaatg	gatgactgtg
caaaagctca	caagagcagg	ctatatcagg
caatagtgc	tgggttggtg	gttggttatg
ttctcg		
		60
		120
		180
		240
		246

<210> 595
 <211> 246
 <212> DNA
 <213> Murine

<400> 595		
ttcacaaagg	tttttgcaag	ttaaacagtg
acttoagggt	ttcttcccca	agacaaaaca
caattatcag	tcaaaagaaat	gccatttaaa
ccactatcaa	gatgtatact	tgccgtgtaac
attaa		
		60
		120
		180
		240
		246

<210> 596
 <211> 213

<212> DNA
<213> Murine

<400> 596
gaagttccag ttgggtttta ttgagataaa ttaacaaaaa gaaacaatca agattttacc 60
aaccatcttt tctgaatgaa ccatgtatat aactccttaa agactcaggt ccatagacat 120
gcacatacac tgtaacacat ccaacaaaac agaccctccc actggaacat tgcataacag 180
aagcatttct tccaatgttc aatttagtct act 213

<210> 597
<211> 256
<212> DNA
<213> Murine

<400> 597
gcccaacttta tgagctttct aacccttctt gaaatttcaa toccaaaatt ctgaattccg 60
agatcaatga gaagacattg taggaaggct caagacagaa taaagctgga ggctcagtg 120
ccatacatct acttgagccc acacttttgg gaccctctac cagctgtaaa acacaagatc 180
ctctttcttc ctgtgcccag attcatgtct gacatcagaa actatcgata gactagactg 240
agtctgagac ctgaga 256

<210> 598
<211> 234
<212> DNA
<213> Murine

<400> 598
ccaggggtgt ggggacacag atgaggggctg ggaggggggg aaocgaagag ggcggggggt 60
ttcttcacga tgcactgga agattttata agagttttgg ggggggggac agtaaaagctc 120
tgagccactt ggggtcttca ggagtttctc ttaggagttt ctcttaggga aagttttttt 180
tttctctttt ttttaatatat aactataata tatatgaata taattgctaa tgtt 234

<210> 599
<211> 167
<212> DNA
<213> Murine

<220>
<221> misc_feature
<222> (1)...(167)
<223> n = A,T,C or G

<400> 599
cttccctgtc agttctggag ttgtgatgaa ttctctgatg tcaattgcctg taacctcaag 60
ttattcctta atgtagaatg tctgcttggg accttttggg attgtgtgtt cttgtgtatt 120
gatgtgtgtc ccttngtctc aaaagatgaa tgacctggag aaggaat 167

<210> 600
<211> 170
<212> DNA
<213> Murine

<400> 600
cacaatgtct atagctgcaa cctgcttcc cacagtgaag tottcccgtt ccttattttc 60
aaaggtagtt cacagaggtc agacatcttg ccccaaaagt cctgacctat acttagccag 120

agaactaggt ccataataa atctacttgg ccctaaagca aaatgcccc

170

<210> 601
<211> 204
<212> DNA
<213> Murine

<220>
<221> misc_feature
<222> (1)...(204)
<223> n = A,T,C or G

<400> 601
ccggctcgag cggcnntttt tgtttgttt ttcttttctt tntttttttt ttctctaact 60
ttttttngag ggggatgat agatttttta agtttccctt gttttcttga tatttggaat 120
tctggcctac ttcactatta ataacagtag aagcagtagg agatactggg ttgggaattt 180
gaagttggct tgagtttgag tctt 204

<210> 602
<211> 212
<212> DNA
<213> Murine

<400> 602
ctagaactca gtcttggtt tgaactaact ggtttgagtt aactttgctg ttaacaaaca 60
ggagtctata ctttgaggaa tatcaaaagct ataaacttca gaccatttcc tttaattcac 120
aggcatccaa acaggatggc cttcaacatc atggttcaga ggtctactcc aagtatctag 180
gtctttgtaa ccagtcctagt gaacaatatt tc 212

<210> 603
<211> 187
<212> DNA
<213> Murine

<220>
<221> misc_feature
<222> (1)...(187)
<223> n = A,T,C or G

<400> 603
gggcctnttt tttttttttt cctttttggt tgttttaaag ggcataagat gogattgaac 60
tttgaggggc cttctgctta tttagataagc atggctctctg tcttaaaaaa cagcatctac 120
tgtgtactga cattttagtt tctgtggagc aagtaaagtc agcatttggt ttgggggaga 180
acatttt 187

<210> 604
<211> 232
<212> DNA
<213> Murine

<220>
<221> misc_feature
<222> (1)...(232)
<223> n = A,T,C or G

```

<400> 604
tctccttccc cgcaccgnt gtcagaaagt catcgagggt gatgacgagc tcanncgac      60
cttctatgag aagcgcatgg ccacggaagt agccgctgat gctcttggtg aagagtggaa      120
gggttatgtg gtcgggatca gcggtgggaa tgacaagcaa ggtttttccc atgaagcaag      180
gtgttctgac ccatggcaga gtgcgcctct gttgagtaag ggcattctgt ta          232

```

```

<210> 605
<211> 178
<212> DNA
<213> Murine

```

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<220>
<221> misc_feature
<222> (1)...(178)
<223> n = A,T,C or G

```

```

<400> 605
aagagtttga gacagcggag actctgctga actcggaagt ccacatgctt ctggagcatc      60
gaaagcagca gaacgagagc gcggaggacg agcaggagct gtccgaggto ttcatgaaaa      120
ccctcaacta caccgcncgc ttcagccggg tcaaaaaaca gagagaccat tgccagtg      178

```

```

<210> 606
<211> 200
<212> DNA
<213> Murine

```

```

<220>
<221> misc_feature
<222> (1)...(200)
<223> n = A,T,C or G

```

```

<400> 606
taaatattcaa aaaaagaaaa aggtagaagt tgaattagca agagcttaag ttttctttta      60
acatgctggc cagggcngca gtggtggtgc atgcctttta tccaacact tgggagghca      120
gaggaggcag atttctgagt ttgaggccag cctacagagt gagtttcagg acaacctggg      180
ctatataaag aaacctgtt

```

```

<210> 607
<211> 173
<212> DNA
<213> Murine

```

```

<400> 607
ggcttactag gagggtgaat acgtaggctt gaattaatgc tactgcaaat tctagaattg      60
tgagtagaag taaaataata aatgtaatgg tagctgttgg tgggctaata tttattaata      120
ctagatgacg tctccgatt aggtgtatta ataagtgtct gcagtaaatg tag          173

```

```

<210> 608
<211> 206
<212> DNA
<213> Murine

```

```

<400> 608
taggcctttt ctttctttt actccctagc catagggtga gtctcctgca ggttgattcc      60
tgcaggttgt tctctcactc ctgcagtgtg catgtcctgg tgtgtttata cacacataca      120

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tacatcatgc accatacata tacatacaca catacatata tatatgcaca cacatacatg	180
tgatgcatac aaaatcttct ttaatt	206

<210> 609
 <211> 257
 <212> DNA
 <213> Murine

<400> 609	
ctttactact gactcaaaact tccagcctct agtcttaata taaagaacat tgtttcttgt	60
gttaacacag aatattgata gttctaagtc agatttatca tgttcaaatt tttatatattag	120
tttaattatgg aaaaagaatg ggaagggctg taagaaacac taaatccaca gacaccttaa	180
aatactatga tagtaatttc atcaaatggc cagtgtggcc atattagaga aaagcagtaa	240
attggagagt acaagag	257

<210> 610
 <211> 246
 <212> DNA
 <213> Murine

<400> 610	
atgggcacta cttgaggttg tatataaaca aaaatgacac gaggaactc ttgatttcag	60
tttcaaaggg gagaactaca tgtactacag acaaggacga gagggtgaaa gacgagatct	120
ttagcatcaa ggactgaatg gcaactggtc tgccaacata tggaagtgtg gatagctgaa	180
cagaagtggag cagctgccga gccagatgca aatgatgttg ttcttccaga gtgcaaggat	240
gagtcg	246

<210> 611
 <211> 178
 <212> DNA
 <213> Murine

<400> 611	
ggcccatctt ttagccttgt gttttagcaa agtatactg cgtggccatc ttgtccacgc	60
caatgcagag gtccctaaag gactccctct attctctatc cctgtggacg taaagacact	120
ggcactctct ttacctcttc ttccctttgc aagggtttac ttggatcttc agagaaa	178

<210> 612
 <211> 218
 <212> DNA
 <213> Murine

<400> 612	
cactttttat tttgtttttt ttacagtgag atttttttga cttcagctac accatcttcc	60
tactgtttcc cttgaaatcc catcctgctt ttctgttaca ctaccctca caaacacaaa	120
gccgcagcaa catggatgcc cagtctggag cagcaacagc caggatgacc tggagccagg	180
ggggcctctg gaacagatgt atacctctg gtgagttt	218

<210> 613
 <211> 238
 <212> DNA
 <213> Murine

<400> 613	
cattcttcat gtctctaaac ctttttttta aacaccttgg gggaggttgt attctggcat	60

tttaataaaa aataagatgc ttgatgcoag aatgaaataa tagaataat gctctctgtc	120
cctgacccat gattcagagt accttttccc tggcaaaagta ccctgggtaac attttaaaaac	180
acacctaaca tgtcaacatg tcaatatgcc atcaaaaacc cacaataataa tcgatttt	238

<210> 614
 <211> 214
 <212> DNA
 <213> Murine

<400> 614	
tccttttcat attttgtctt cttctgagag taactctcag cctgagcctc cagtgtatto	60
agttgttctg caccgttttc aattctctct caagctcggc acatttgctt tctgagagct	120
cagcccgctc cttctgacgt tccaggtcgc tctcgatgat gaccagctta gggccacctc	180
ttcatacttc cggtcagcat cttcagcaat gtgc	214

<210> 615
 <211> 154
 <212> DNA
 <213> Murine

<400> 615	
attttaggga aaatgggatt gactctctga actcaacaaa actggaattt tttttttccc	60
cagaagcgag aaatgaaaag agaagggcct aaggaaagca gaagggcgcc tgaagtgaca	120
atacctttta aaaactctta tctctgtgtg gggg	154

<210> 616
 <211> 106
 <212> DNA
 <213> Murine

<400> 616	
cgggaggggc gcgcgggcac gcccgggtcg ctcccgccgc agctgtgtgg ccgcacgctg	60
ttcttgacag ctgggccttg gcgtctctgt ctacgcgcgc tcccg	106

<210> 617
 <211> 240
 <212> DNA
 <213> Murine

<400> 617	
cactcttctg acttagaggt tcagcttgat gctaacatga aaccaatgcc cttaaatagt	60
gaagcgacac caactgaaga tggagctcaa ttacgggtta agcaagtagg agtcacgctt	120
acagatgatt tgatgaatca gttgctgaag ggaaaaagcca agagggtatt ccaggggcaa	180
attgagttag agactggcca gccaccocat gagttaagaa gaagacaact gtaccttctg	240

<210> 618
 <211> 244
 <212> DNA
 <213> Murine

<400> 618	
tttgaagtgc aaaagacttt tattccacat ttggagccct tacagaggaa catggatgga	60
gagctacagg tggttcactg tgacttcttt aaaatggatc ctagatatca ggaagttagta	120
agaccagatg tgagtgcaca ggcaaatatt cagaacctgg gaataaaaga gttccttttc	180
agcaggtgtt cctataaaagt attggaatcc taccatataa actgaagacg atactttgaa	240

<210> 619
 <211> 257
 <212> DNA
 <213> Murine

<400> 619
 ccaggaaactg tccagtgaag agataaaagtc cctgtgttga aactttaaga acttttaaaa 60
 taaagactgg aaatgggaaa actgatagaa tttaaaatca acagaatgta ttcctttgac 120
 aattctcccc atagcttttat tcctagcact caagggtctag gcaggaggto tgtogtaagc 180
 ttcaaggcag cctgtactat acacggaatt cagattacca caatgagctt ctatctcaaa 240
 cacataagct ttcctttc 257

<210> 620
 <211> 243
 <212> DNA
 <213> Murine

<400> 620
 tttttataag actggtttctc actgtagctc tggctggcct gaaactcact atgtataaac 60
 agatgcagag gacacacaggc tggctctttaa ctaagggacc atcctgcctc tgcctcccaa 120
 aggctggatt acaggtgggt gccaccacac ctgggtttaaa tcgagactaa aaaactgttc 180
 tgtcttttag gtaattccaat tattcagaat agacctcaag tctctaaaga ggattttgat 240
 ctt 243

<210> 621
 <211> 219
 <212> DNA
 <213> Murine

<400> 621
 gatggggaga gtcacatgag tccccttctc cacccttgcc toagtaactct tttccatact 60
 ctctgacgag gcatgagggc agaccttagc ctttaaagcg ccacgggtcca tttatgtgtt 120
 gaaaagaaag tacttgcgta ctgtgtctt ggctcctcag cctgcttcca caccagctga 180
 cagtgggtac gtgagccagg ctgctggaga ggcataatgg 219

<210> 622
 <211> 224
 <212> DNA
 <213> Murine

<400> 622
 ttggattaga atatacactc tgaaaaacctg cagcgtggct cggtgcctgc tgccgcactc 60
 gaaacctga agaaaatctc tgggtgggaaa cagatggttg aagaagaaaa aagtgtgtgt 120
 gtgtgtgtgt gtgtgtgttc tctgagtttt ggttgaggga ggtacttca agcacttgat 180
 ctgacctggt cactgagaag cggggatttt actcaaaggt cgct 224

<210> 623
 <211> 194
 <212> DNA
 <213> Murine

<400> 623
 ggaagccagc aggaacagta ggacagtcgt caggctgtga ggtgggtaag aaatacagaa 60

atgctaagta aggatatact cctcctagca ggttgccataa ggaggtaaat ggtggtgggc	120
tgatctgggtg ggtcttagtg aactaggcca agagctacat gagatctgag gggaagtgtg	180
aataaccagca gggg	194

<210> 624
 <211> 195
 <212> DNA
 <213> Murine

<400> 624	
gaaggattct gggaaagttc caggcccccatt gaagttaatt ccctggctgg gatagtcgt	60
gggggttggg gccgaagggg ctccaatggg gcaaaagggg cagccagggc ccaggggtgc	120
aatcatctcc atcacactgg gcattgagcac atgggcaggc ctacacagtgc ggcacgcttc	180
agcactggcc catcc	195

<210> 625
 <211> 257
 <212> DNA
 <213> Murine

<400> 625	
ggcgttgggt tgtgtttgga tatacgactg ctatagctac tgaggaatat ccagagactt	60
ggggatctaa ctgattaatt ttgggttttt tagtattggg ggtgattata gaggtttttt	120
taattttgtg gcttaattat tatgatgaag tggagtaatt aatcttgatg gtttgggaga	180
ttggttgatg tatgaggttg atgatgttg agttatgttg gaaggaggga ttggggtagc	240
gcaatatata gttgtgc	257

<210> 626
 <211> 95
 <212> DNA
 <213> Murine

<400> 626	
aagcaagttt aaaaactgct ttattgattt gaagtaccaa atttataaag attataacag	60
tttgcatcta ctcaaagtta aataatttac attgg	95

<210> 627
 <211> 194
 <212> DNA
 <213> Murine

<400> 627	
gtgggagact ttatttatcc agtgtggtga tagcatggcc ctccatgctt ttacttggtt	60
aatgctattt ctccacaatga tgcagattag gaaaattgaa gtattcagga aacagggggtg	120
gttgctaagg ctccgtacct gctctctata aaattatagt ggctttgacc tgacatatgga	180
aagttcaagt ctac	194

<210> 628
 <211> 176
 <212> DNA
 <213> Murine

<220>
 <221> misc_feature
 <222> (1)...(176)

<223> n = A,T,C or G

<400> 628

tttagtttgt gtcggaagcc tgtaattacn gctccagctc atagtggaat ggctatactt	60
agatttatgg atagtgggt agtaggtgta aatgtatgtg gtaaaaggcc taggagattt	120
gttgatccaa taaatatgat tagggaaaca attattaggg tcatgttcgt cttttt	176

<210> 629

<211> 202

<212> DNA

<213> Murine

<400> 629

ttggtcacag cttctcagc agcagcctgc tctctctctc caatctctctc tgggtctctg	60
tagaagtaaa gatcaggcat gacctccagc gggtgctcac gggagatagt acctcgcatg	120
cggagtactt cctggccag catccaccac atcagaccca ctgagtgcgc tccttggtgt	180
tgogaattcc accacattgc gg	202

<210> 630

<211> 243

<212> DNA

<213> Murine

<400> 630

gttactactc tcaggttat gcacagtcca gccaggggac tctcacctca agcaaccagg	60
caggaatgga gggccagccc cttaaagacaa aaaaggatga ggagcctgag agcgtagaag	120
ggaagtaaaa gaatgacgctc tgtgaggaaa agaagccgga gctgagcaat tccagtgcgc	180
agcctccgctc atcagcagcg gccaacatgt acatgcagtc ctgtactaca ccagtgtctc	240
acg	243

<210> 631

<211> 266

<212> DNA

<213> Murine

<400> 631

aaaacataat aaatgatctt agtgataagc taaaaagtac aatgcagcag caagagcggg	60
ataaagattt gatagagtcg ctctctgagg accgagctcg tttgcttgaa gagaagaagc	120
agcttgaa ggaagtgcgt aaactccgca ctgacagttt tctttctcca gcacctgtgg	180
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<210> 632

<211> 234

<212> DNA

<213> Murine

<400> 632

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gaagccacaa ttactctgat acctaaacca caaaaagacg caacaaagag aacttcagac	180
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<210> 633

<211> 204

<212> DNA
<213> Murine

<400> 633

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cgagctgttt	gtagttggta	gtcc				204

<210> 634
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<212> DNA
<213> Murine

<400> 634

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<211> 227
<212> DNA
<213> Murine

<400> 635

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ccacaccccc	acggactcag	cagtgataaa	tattaagcaa	taaacgaaaag	tttgactaag	180
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<210> 636
<211> 218
<212> DNA
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<400> 636

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aagatacaac	acacaaggac	agggctagaa	aaggacgaag	tacaatgtct	agctatactg	180
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<210> 637
<211> 176
<212> DNA
<213> Murine

<400> 637

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<210> 638
<211> 182
<212> DNA